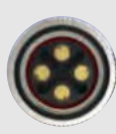
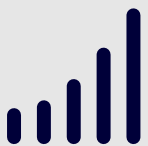
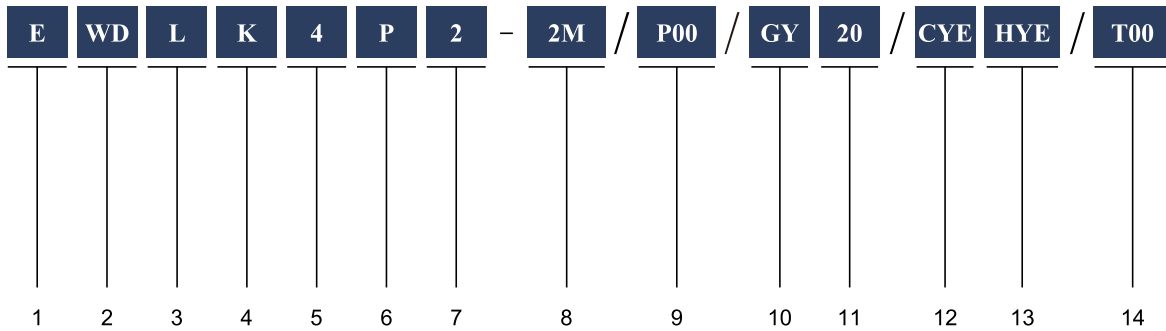


M12 Industrial Connectors



M12 I/O Series connector part number key

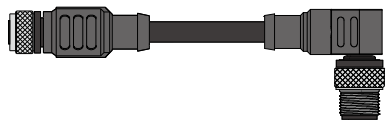


- | | | |
|---|--|---|
| <p>1 E M12X1 Connector</p> <p>2 Blank I/O
WD Stainless steel coupling nuts
B B-Code</p> <p>3 Blank Straight
L Right angle</p> <p>4 K Female
Z Male</p> <p>5 Number of pins
Contact distribution</p> | <p>6 LED Options
P PNP
N NPN</p> <p>7 Number of LED indicator</p> <p>8 Length [m]</p> <p>9 Cable Jacket</p> <p>10 Color of cable
Blank Standard color
BU Blue (customization)
YE Yellow(customization)
GY Gray(customization)
WH White(customization)
OR Orange(customization)</p> | <p>11 Wire gauge
Blank Standard wire gauge
2-5 pins 22AWG(0.34mm²)
6-12pins 24AWG(0.25mm²)
20 20AWG:0.5mm²(customization)
18 18AWG:0.75mm²(customization)</p> <p>12 Color of contact carrier
Blank Standard black
CYE Yellow contact carrier(customization)
CRD Yellow contact carrier(customization)</p> <p>13 Color of plug body
Blank Standard black
HYE Plug body yellow(customization)
HBU Plug body blue(customization)</p> <p>14 Varieties</p> |
|---|--|---|

Extension Examples



EK4 EZ4-2M/P00



EK4 ELZ4-2M/P00

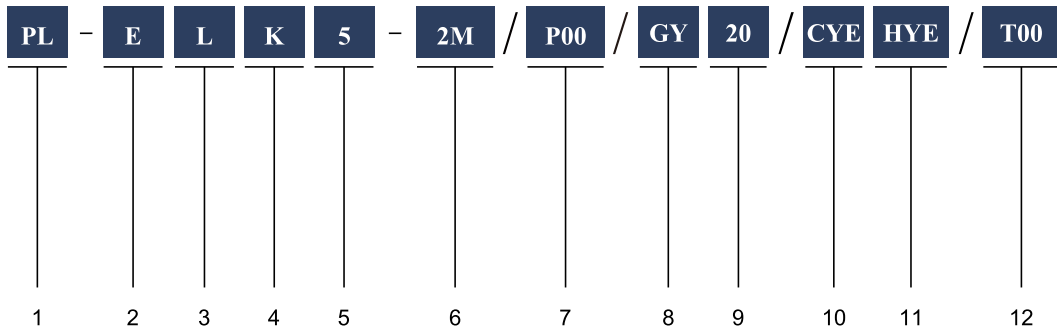


ELK4 EZ4-2M/P00



ELK4 ELZ4-2M/P00

M12 Power Series connector part number key

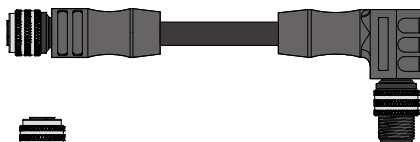


- | | | |
|---|--|--|
| <p>1 M12 Power Series connector
PT T-CODE
PS S-CODE
PL L-CODE
PK K-CODE</p> <p>2 E M12X1 Connector</p> <p>3 Blank Straight
L Right angle</p> <p>4 K Female
Z Male</p> | <p>5 Number of pins
Contact distribution</p> <p>6 Length [m]</p> <p>7 Cable Jacket</p> <p>8 Color of cable
Blank Standard color
BU Blue (customization)
YE Yellow (customization)
GY Gray (customization)
WH White (customization)
OR Orange (customization)</p> | <p>9 Wire gauge
Blank Standard wire gauge
16AWG(1.5mm²)
20 20AWG:0.5mm² (customization)
18 18AWG:0.75mm² (customization)
14 14AWG:2.5mm² (customization)</p> <p>10 Color of contact carrier
Blank Standard black
CYE Yellow contact carrier (customization)
CRD Yellow contact carrier (customization)</p> <p>11 Color of plug body
Blank Standard black
HYE Plug body yellow (customization)
HBU Plug body blue (customization)</p> <p>12 Varieties</p> |
|---|--|--|

Extension Examples



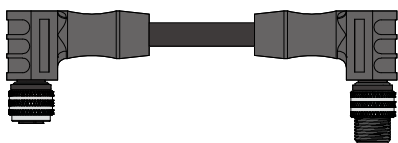
PL-EK5 PL-EZ5-2M/S10



PL-EK5 PL-ELZ5-2M/S10



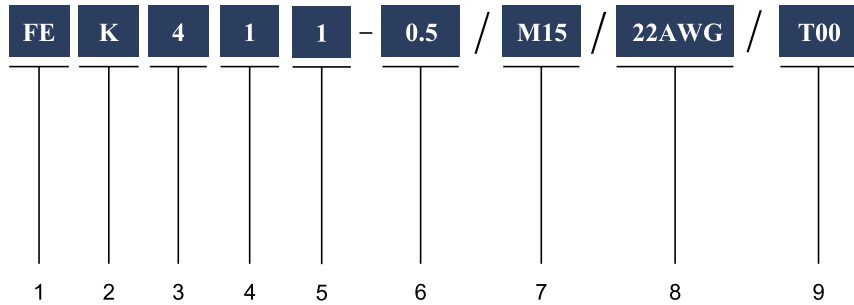
PL-ELK5 PL-EZ5-2M/S10



PL-ELK5 PL-ELZ5-2M/S10

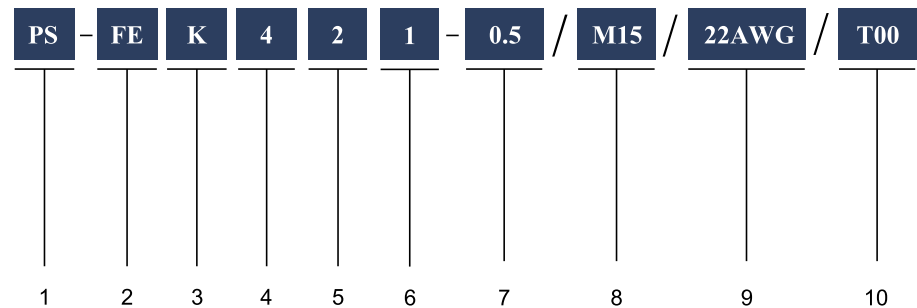
M12 Receptacles connectivity part number key

M12 I/O Series Receptacles connectivity part number key



- | | | |
|--|---|---|
| <p>1 FE M12 Receptacle</p> <p>2 K Female
Z Male</p> <p>3 Number of pins</p> <p>4 Termination (mounting style)
1 Rear mount
2 Front mount</p> <p>5 Blank Long type
1 Short Type</p> | <p>6 Length of cable 0.5=0.5m
L Solder cup
P PCB pins</p> <p>7 Thread Type
(Connection thread)
Blank PG9
M15 M15×1.5
M16 M16×1.5
NPT 1/2-14NPT
NPSM 1/2-14NPSM
RS14 Rectangular screw
connection
(screw pitch 14mm)</p> | <p>8 Wire gauge of cable
Blank 2-5 22AWG(0.34mm²)
6-12 24AWG(0.25mm²)
17 24AWG(0.14mm²)</p> <p>9 Varieties</p> |
|--|---|---|

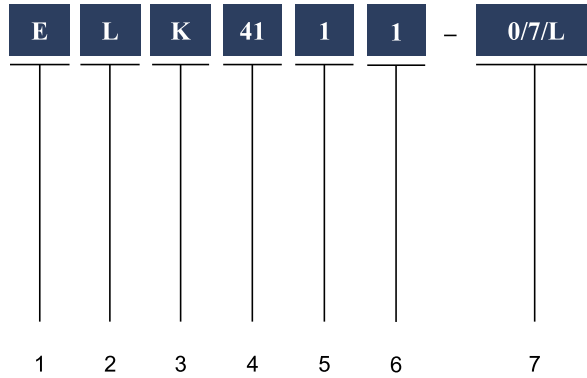
M12 Power Series Receptacles connectivity part number key



- | | | |
|---|---|---|
| <p>1 M12 Power Series connector
PT T-CODE
PS S-CODE
PL L-CODE
PK K-CODE</p> <p>2 FE M12 Receptacle</p> <p>3 K Female
Z Male</p> <p>4 Number of pins</p> | <p>5 Termination (mounting style)
1 Rear mount
2 Front mount</p> <p>6 Blank Long type
1 Short Type</p> <p>7 Length of cable 0.5=0.5m
L Solder cup
P PCB pins</p> <p>9 Wire gauge of cable
Blank 16AWG (1.5mm²)</p> | <p>8 Thread Type
(Connection thread)
Blank PG9
M15 M15×1.5
M16 M16×1.5
NPT 1/2-14NPT
NPSM 1/2-14NPSM
RS14 Rectangular screw
connection
(screw pitch 14mm)</p> <p>10 Varieties</p> |
|---|---|---|

M12 Field Wireable connectivity part number key

Field wireable connector part number key



1 E M12x1 Field wireable connector

2 L Right angle
Blank Straight

3 K Female
Z Male

4 Number of pin/material of pin
1 Ag plated brass
2 Au plated brass

5 1 A-code
2 B-code
3 D-code
4 T-code
5 S-code
6 X-code
7 L-code
8 K-code

6 Housing material
1 Plastic housing, nylon coupling nut
2 Plastic housing, metal coupling nut
3 Plastic housing, VA-metal coupling nut
4 Transparent plastic housing, plastic coupling nut
5 Transparent plastic housing, metal coupling nut
8 Metal housing
9 VA-metal housing

7 Thread Type (connection thread)

0:Single cable 1: Dual cable

Cable opening

7 : PG7

(Cable opening accepts 4-6 mm cable diameter)

9 : PG9

(Cable opening accepts 6-8 mm cable diameter)

11 : PG11

(Cable opening accepts 8-10 mm cable diameter)

Termination

Blank Screw terminals

L Solder cup

C Crimp

IDC Piercecon

2pins M12 Pre-moulding

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:4A
- Rated voltage:250V
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:5.6mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK4.2-2M/P00 EK4.2-5M/P00 EK4.2-10M/P00	10019000 10016328 10110187	PVC/Black 2x22AWG (2x0.34mm ²) Ø5.2mm Cable Type NO. : 58021151-*M	Female 1.N/C 2.N/C 3.BN 4.BU
Right angle Female ELK..** 	ELK4.2-2M/P00 ELK4.2-5M/P00 ELK4.2-10M/P00	10019020 10011708 10011928		
Straight Male EZ..** 	EZ4.2-2M/P00 EZ4.2-5M/P00 EZ4.2-10M/P00	10019010 10019082 10110188	PVC/Black 2x22AWG (2x0.34mm ²) Ø5.2mm Cable Type NO. : 58021151-*M	Male 1.N/C 2.N/C 3.BN 4.BU
Right angle Male ELZ..** 	ELZ4.2-2M/P00 ELZ4.2-5M/P00 ELZ4.2-10M/P00	10019030 10019113 10019114		
Straight Female EK..** (NAMUR) 	EK4.21-2M/P00 EK4.21-5M/P00 EK4.21-10M/P00	10016000 10110021 10019607	PVC/Blue 2x22AWG (2x0.34mm ²) Ø5.2mm Cable Type NO. : 58016231-*M	Female 1.BN 2.BU 3.N/C 4.N/C
Right angle Female ELK..** (NAMUR) 	ELK4.21-2M/P00 ELK4.21-5M/P00 ELK4.21-10M/P00	10016010 10016002 10016028		
Straight Male EZ..** (NAMUR) 	EZ4.21-2M/P00 EZ4.21-5M/P00 EZ4.21-10M/P00	10016020 10016003 10016004	PVC/Blue 2x22AWG (2x0.34mm ²) Ø5.2mm Cable Type NO. : 58016231-*M	Male 1.BN 2.BU 3.N/C 4.N/C
Right angle Male ELZ..** (NAMUR) 	ELZ4.21-2M/P00 ELZ4.21-5M/P00 ELZ4.21-10M/P00	10016030 10016005 10016006		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

3pins/4pins M12 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:4A
- Rated voltage:250V
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:5.6mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK3-2M/P00 EK3-5M/P00 EK3-10M/P00	10011000 10011001 10011002	PVC/Black 3x22AWG (3x0.34mm ²) Ø5.2mm Cable Type NO. : 58005912-*M	Female 1.BN 2.N/C 3.BU 4.BK
Right angle Female ELK..** 	ELK3-2M/P00 ELK3-5M/P00 ELK3-10M/P00	10011030 10011031 10011032		
Straight Male EZ..** 	EZ3-2M/P00 EZ3-5M/P00 EZ3-10M/P00	10011060 10011061 10011062	PVC/Black 3x22AWG (3x0.34mm ²) Ø5.2mm Cable Type NO. : 58005912-*M	Male 1.BN 2.N/C 3.BU 4.BK
Right angle Male ELZ..** 	ELZ3-2M/P00 ELZ3-5M/P00 ELZ3-10M/P00	10011090 10011091 10011099		
Straight Female EK..** 	EK4-2M/P00 EK4-5M/P00 EK4-10M/P00	10011010 10011011 10011012	PVC/Black 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58015251-*M	Female 1.BN 2.WH 3.BU 4.BK
Right angle Female ELK..** 	ELK4-2M/P00 ELK4-5M/P00 ELK4-10M/P00	10011040 10011041 10011042		
Straight Male EZ..** 	EZ4-2M/P00 EZ4-5M/P00 EZ4-10M/P00	10011070 10011071 10011072	PVC/Black 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58015251-*M	Male 1.BN 2.WH 3.BU 4.BK
Right angle Male ELZ..** 	ELZ4-2M/P00 ELZ4-5M/P00 ELZ4-10M/P00	10011100 10011765 10011102		

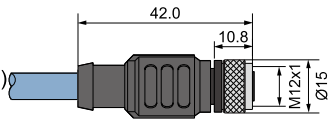
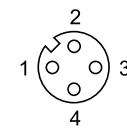
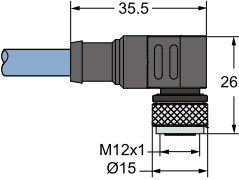
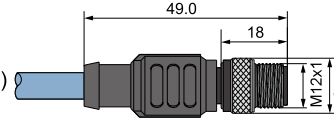
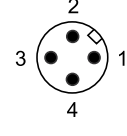
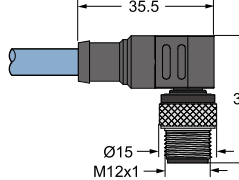
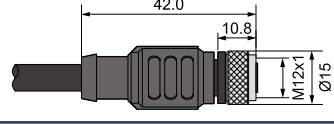
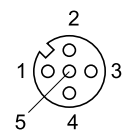
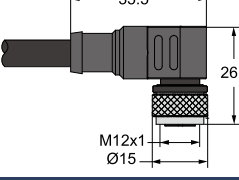
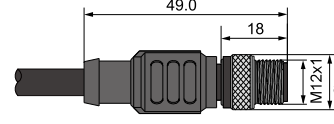
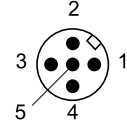
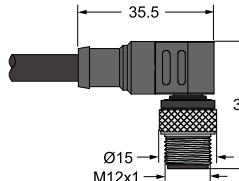
* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

4pins/5pins M12 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:4A
- Rated voltage:250V
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:5.6mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** (NAMUR) 	EK4.41-2M/P00 EK4.41-5M/P00 EK4.41-10M/P00	10016300 10016341 10016007	PVC/Blue 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO.: 58019252-*M	Female 
Right angle Female ELK..** (NAMUR) 	ELK4.41-2M/P00 ELK4.41-5M/P00 ELK4.41-10M/P00	10016310 10016311 10016309		
Straight Male EZ..** (NAMUR) 	EZ4.41-2M/P00 EZ4.41-5M/P00 EZ4.41-10M/P00	10016320 10016008 10016009	PVC/Blue 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58019252-*M	Male 
Right angle Male ELZ..** (NAMUR) 	ELZ4.41-2M/P00 ELZ4.41-5M/P00 ELZ4.41-10M/P00	10016330 10110397 10110398		
Straight Female EK..** 	EK4.5-2M/P00 EK4.5-5M/P00 EK4.5-10M/P00	10011020 10011021 10011852	PVC/Black 5x22AWG (5x0.34mm ²) Ø5.2mm Cable Type NO. : 58610231-*M	Female 
Right angle Female ELK..** 	ELK4.5-2M/P00 ELK4.5-5M/P00 ELK4.5-10M/P00	10011050 10011427 10011052		
Straight Male EZ..** 	EZ4.5-2M/P00 EZ4.5-5M/P00 EZ4.5-10M/P00	10011080 10019027 10113010	PVC/Black 5x22AWG (5x0.34mm ²) Ø5.2mm Cable Type NO. : 58610231-*M	Male 
Right angle Male ELZ..** 	ELZ4.5-2M/P00 ELZ4.5-5M/P00 ELZ4.5-10M/P00	10011110 10113011 10113012		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

5pins/6pins M12 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:4A(5Pin);2A(6Pin)
- Rated voltage:250V(5Pin);60V(6Pin)
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5 \text{m}\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK5-2M/P00 EK5-5M/P00 EK5-10M/P00	10011500 10011501 10011502	PVC/Black 4x22+1x20AWG (4x0.34+1x0.5m ²) Ø5.2mm Cable Type NO. : 58078351-*M	Female 1.BN 2.WH 3.BU 4.BK 5.GN/YE
Right angle Female ELK..** 	ELK5-2M/P00 ELK5-5M/P00 ELK5-10M/P00	10011520 10110154 10011522		
Straight Male EZ..** 	EZ5-2M/P00 EZ5-5M/P00 EZ5-10M/P00	10011510 10016044 10113020	PVC/Black 4x22+1x20AWG (4x0.34+1x0.5m ²) Ø5.2mm Cable Type NO. : 58078351-*M	Male 1.BN 2.WH 3.BU 4.BK 5.GN/YE
Right angle Male ELZ..** 	ELZ5-2M/P00 ELZ5-5M/P00 ELZ5-10M/P00	10011530 10113021 10113022		
Straight Female EK..** 	EK6-2M/P00 EK6-5M/P00 EK6-10M/P00	10011600 10113030 10011602	PVC/Black 6x24AWG (6x0.25mm ²) Ø5.6mm Cable Type NO. : 58029911-*M	Female 1.BN 2.WH 3.BU 4.BK 5.GY 6.PK
Right angle Female ELK..** 	ELK6-2M/P00 ELK6-5M/P00 ELK6-10M/P00	10011610 10113040 10113041		
Straight Male EZ..** 	EZ6-2M/P00 EZ6-5M/P00 EZ6-10M/P00	10011620 10113042 10113043	PVC/Black 6x24AWG (6x0.25mm ²) Ø5.6mm Cable Type NO. : 58029911-*M	Male 1.BN 2.WH 3.BU 4.BK 5.GY 6.PK
Right angle Male ELZ..** 	ELZ6-2M/P00 ELZ6-5M/P00 ELZ6-10M/P00	10011630 10113044 10113045		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

8pins/12pins M12 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:2A
- Rated voltage:60V
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:11mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK8-2M/P00 EK8-5M/P00 EK8-10M/P00	10011800 10011801 10011802	PVC/Black 8x24AWG (8x0.25mm ²) Ø6.2mm Cable Type NO. : 58045351-*M	Female 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Right angle Female ELK..** 	ELK8-2M/P00 ELK8-5M/P00 ELK8-10M/P00	10011810 10011811 10011812		
Straight Male EZ..** 	EZ8-2M/P00 EZ8-5M/P00 EZ8-10M/P00	10011820 10011829 10011822	PVC/Black 8x24AWG (8x0.25mm ²) Ø6.2mm Cable Type NO. : 58045351-*M	Male 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Right angle Male ELZ..** 	ELZ8-2M/P00 ELZ8-5M/P00 ELZ8-10M/P00	10011830 10016672 10016673		
Straight Female EK..** 	EK12-2M/P00 EK12-5M/P00 EK12-10M/P00	10110318 10110399 10011902	PVC/Black 12x24AWG (12x0.25mm ²) Ø7.3mm Cable Type NO. : 58127911-*M	Female 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT
Right angle Female ELK..** 	ELK12-2M/P00 ELK12-5M/P00 ELK12-10M/P00	10011910 10110189 10110197		
Straight Male EZ..** 	EZ12-2M/P00 EZ12-5M/P00 EZ12-10M/P00	10011920 10019048 10019249	PVC/Black 12x24AWG (12x0.25mm ²) Ø7.3mm Cable Type NO. : 58127911-*M	Male 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT
Right angle Male ELZ..** 	ELZ12-2M/P00 ELZ12-5M/P00 ELZ12-10M/P00	10011930 10019250 10019251		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

17pins M12 Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:1.5A
- Rated voltage:30V
- Insulation resistance: $\geq 10^9$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:11mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK17-2M/P00 EK17-5M/P00 EK17-10M/P00	10250720 10250721 10250722	PVC/Black 17x26AWG (17x0.14mm ²) Ø6.4mm Cable Type NO. : 58074911-*M	Female
Right angle Female ELK..** 	ELK17-2M/P00 ELK17-5M/P00 ELK17-10M/P00	10250723 10250724 10250725		1.BN 2.BU 3.WH 4.GN 5.PK 6.YE 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YE 16.YE/BN 17.WH/GY
Straight Male EZ..** 	EZ17-2M/P00 EZ17-5M/P00 EZ17-10M/P00	10250657 10250730 10250731	PVC/Black 17x26AWG (17x0.14mm ²) Ø6.4mm Cable Type NO. : 58074911-*M	Male
Right angle Male ELZ..** 	ELZ17-2M/P00 ELZ17-5M/P00 ELZ17-10M/P00	10250732 10250733 10250734		1.BN 2.BU 3.WH 4.GN 5.PK 6.YE 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YE 16.YE/BN 17.WH/GY

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

3pins/4pins M12 360°Shielded Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:4A
- Rated voltage:250V
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:11mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK3-2M/S10 EK3-5M/S10 EK3-10M/S10	10011300 10011301 10016041	PVC/Black Shielded Cable 3x22AWG (3x0.34mm ²) Ø5.2mm Cable Type NO. : 58008351-*M	Female
Right angle Female ELK..** 	ELK3-2M/S10 ELK3-5M/S10 ELK3-10M/S10	10011320 10011764 10011763		
Straight Male EZ..** 	EZ3-2M/S10 EZ3-5M/S10 EZ3-10M/S10	10011340 10016051 10016052	PVC/Black Shielded Cable 3x22AWG (3x0.34mm ²) Ø5.2mm Cable Type NO. : 58008351-*M	Male
Right angle Male ELZ..** 	ELZ3-2M/S10 ELZ3-5M/S10 ELZ3-10M/S10	10011360 10016053 10016054		
Straight Female EK..** 	EK4-2M/S10 EK4-5M/S10 EK4-10M/S10	10011310 10016013 10016001	PVC/Black Shielded Cable 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58016911-*M	Female
Right angle Female ELK..** 	ELK4-2M/S10 ELK4-5M/S10 ELK4-10M/S10	10011330 10011331 10011332		
Straight Male EZ..** 	EZ4-2M/S10 EZ4-5M/S10 EZ4-10M/S10	10011350 10016055 10012177	PVC/Black Shielded Cable 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58016911-*M	Male
Right angle Male ELZ..** 	ELZ4-2M/S10 ELZ4-5M/S10 ELZ4-10M/S10	10011370 10016056 10016057		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

4.5pins/6pins M12 360°Shielded Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:4A
- Rated voltage:250V(4.5Pin);60V(6Pin)
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:11mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK4.5-2M/S10 EK4.5-5M/S10 EK4.5-10M/S10	10011315 10110297 10110298	PVC/Black Shielded Cable 5x22AWG (5x0.34mm ²) Ø5.2mm Cable Type NO. : 58028351-*M	Female
Right angle Female ELK..** 	ELK4.5-2M/S10 ELK4.5-5M/S10 ELK4.5-10M/S10	10011345 10110299 10016058		1.BN 2.WH 3.BU 4.BK 5.GY
Straight Male EZ..** 	EZ4.5-2M/S10 EZ4.5-5M/S10 EZ4.5-10M/S10	10011355 10019028 10016059	PVC/Black Shielded Cable 5x22AWG (5x0.34mm ²) Ø5.2mm Cable Type NO. : 58028351-*M	Male
Right angle Male ELZ..** 	ELZ4.5-2M/S10 ELZ4.5-5M/S10 ELZ4.5-10M/S10	10016061 10016062 10016063		1.BN 2.WH 3.BU 4.BK 5.GY
Straight Female EK..** 	EK6-2M/S10 EK6-5M/S10 EK6-10M/S10	10016600 10113050 10113051	PVC/Black Shielded Cable 6x24AWG (6x0.25mm ²) Ø5.6mm Cable Type NO. : 58061351-*M	Female
Right angle Female ELK..** 	ELK6-2M/S10 ELK6-5M/S10 ELK6-10M/S10	10016620 10113052 10113053		1.BN 2.WH 3.BU 4.BK 5.GY 6.PK
Straight Male EZ..** 	EZ6-2M/S10 EZ6-5M/S10 EZ6-10M/S10	10016610 10113054 10113055	PVC/Black Shielded Cable 6x24AWG (6x0.25mm ²) Ø5.6mm Cable Type NO. : 58061351-*M	Male
Right angle Male ELZ..** 	ELZ6-2M/S10 ELZ6-5M/S10 ELZ6-10M/S10	10016630 10113056 10113057		1.BN 2.WH 3.BU 4.BK 5.GY 6.PK

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

8pins M12 360° Shielded Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:2A
- Rated voltage:60V
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:11mm



Pre moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK..** 	EK8-2M/S10 EK8-5M/S10 EK8-10M/S10	10016640 10110290 10011803	PVC/Black Shielded Cable 8x24AWG (8x0.25mm ²) Ø6.2mm Cable Type NO. : 58093351-*M	Female 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Right angle Female ELK..** 	ELK8-2M/S10 ELK8-5M/S10 ELK8-10M/S10	10016660 10110291 10011971		 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Straight Male EZ..** 	EZ8-2M/S10 EZ8-5M/S10 EZ8-10M/S10	10016650 10011821 10011847	PVC/Black Shielded Cable 8x24AWG (8x0.25mm ²) Ø6.2mm Cable Type NO. : 58093351-*M	Male 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Right angle Male ELZ..** 	ELZ8-2M/S10 ELZ8-5M/S10 ELZ8-10M/S10	10016670 10016674 10016675		 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
Straight Female EK..** 	EK12-2M/S10 EK12-5M/S10 EK12-10M/S10	10110315 10110316 10011901	PVC/Black Shielded Cable 12x24AWG (12x0.25mm ²) Ø7.3mm Cable Type NO. : 58601351-*M	Female 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT
Right angle Female ELK..** 	ELK12-2M/S10 ELK12-5M/S10 ELK12-10M/S10	10016369 10011911 10011936		 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT
Straight Male EZ..** 	EZ12-2M/S10 EZ12-5M/S10 EZ12-10M/S10	10019056 10019062 10019033	PVC/Black Shielded Cable 12x24AWG (12x0.25mm ²) Ø7.3mm Cable Type NO. : 58601351-*M	Male 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT
Right angle Male ELZ..** 	ELZ12-2M/S10 ELZ12-5M/S10 ELZ12-10M/S10	10019011 10019012 10019013		 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

3pins/4pins/5pins M12 with LEDs Pre-moulding connector

- Plug body:TPU/Transparent ■ Insulation resistance:≥10⁹Ω
- Coupling nut:Brass/Nickel ■ Forward resistance:≤5mΩ
- Contact carrier:TPU/Black ■ Pollution degree:3
- Pin:Brass/Gold ■ Temperature range:-40~+80°C
- O-ring:FPM/FKM ■ Mechanical operation:≥100
- Protection class:IP67 ■ Maximum cable diameter:5.6mm
- Rated current:4A
- Rated voltage:10-30V



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EK... 	EK3P2-2M/P00 EK3P2-5M/P00 EK3P2-10M/P00	10016700 10016705 10016744	PVC/Black 3x22AWG (3x0.34mm ²) Ø5.2mm Cable Type NO. : 58005912-*M	
Right angle Female ELK... 	ELK3P2-2M/P00 ELK3P2-5M/P00 ELK3P2-10M/P00	10011485 10011486 10016828		
Straight Female EK... 	EK4P3-2M/P00 EK4P3-5M/P00 EK4P3-10M/P00	10016730 10016820 10016821	PVC/Black 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58015251-*M	
Right angle Female ELK... 	ELK4P2-2M/P00 ELK4P2-5M/P00 ELK4P2-10M/P00	10016740 10011496 10016751		
Right angle Female ELK... 	ELK4P3-2M/P00 ELK4P3-5M/P00 ELK4P3-10M/P00 ELK4P3.1-2M/P00 ELK4P3.1-5M/P00 ELK4P3.1-10M/P00	10016750 10111531 10016822 10016760 10016823 10016824	PVC/Black 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58015251-*M	
Right angle Female ELK... 	ELK5P3-2M/P00 ELK5P3-5M/P00 ELK5P3-10M/P00 ELK5P3.1-2M/P00 ELK5P3.1-5M/P00 ELK5P3.1-10M/P00	10016770 10016825 10016826 10016780 10112561 10016827	PVC/Black 4x22+1x20AWG Ø5.2mm (4x0.34+1x0.5m ²) Cable Type NO. : 58078351-*M	

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

3pins/4pins M12 Stainless steel Pre-moulding connector

- Plug body:TPU/Black ■ Insulation resistance:≥10⁹Ω
- Coupling nut:Stainless steel ■ Contact resistance:≤5mΩ
- Contact carrier:TPU/Black ■ Pollution degree:3
- Pin:Brass/Gold ■ Temperature range:-40~+80°C
- O-ring:FPM/FKM ■ Mechanical operation:≥100
- Protection class:IP67 ■ Maximum cable diameter:5.6mm
- Rated current:4A
- Rated voltage:250V



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female EWDK..** 	EWDK3-2M/P00 EWDK3-5M/P00 EWDK3-10M/P00	10016852 10016853 10016851	PVC/Black 3x22AWG (3x0.34mm ²) Ø5.2mm Cable Type NO. : 58005912-*M	Female 1.BN 2.N/C 3.BU 4.BK
Right angle Female EWDLK..** 	EWDLK3-2M/P00 EWDLK3-5M/P00 EWDLK3-10M/P00	10016856 10016857 10016855		
Straight Male EWDZ..** 	EWDZ3-2M/P00 EWDZ3-5M/P00 EWDZ3-10M/P00	10016873 10016874 10016850	PVC/Black 3x22AWG (3x0.34mm ²) Ø5.2mm Cable Type NO. : 58005912-*M	Male 1.BN 2.N/C 3.BU 4.BK
Right angle Male EWDLZ..** 	EWDLZ3-2M/P00 EWDLZ3-5M/P00 EWDLZ3-10M/P00	10016871 10016872 10016870		
Straight Female EWDK..** 	EWDK4-2M/P00 EWDK4-5M/P00 EWDK4-10M/P00	10110002 10016854 10255126	PVC/Black 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58015251-*M	Female 1.BN 2.WH 3.BU 4.BK
Right angle Female EWDLK..** 	EWDLK4-2M/P00 EWDLK4-5M/P00 EWDLK4-10M/P00	10024075 10016861 10016860		
Straight Male EWDZ..** 	EWDZ4-2M/P00 EWDZ4-5M/P00 EWDZ4-10M/P00	10016884 10016885 10016883	PVC/Black 4x22AWG (4x0.34mm ²) Ø5.2mm Cable Type NO. : 58015251-*M	Male 1.BN 2.WH 3.BU 4.BK
Right angle Male EWDLZ..** 	EWDLZ4-2M/P00 EWDLZ4-5M/P00 EWDLZ4-10M/P00	10016881 10016882 10016880		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is Stainless steel

M12 Power Series T-CODE Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:12A
- Rated voltage:63VDC
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5 \text{m}\Omega$
- Pollution degree:3
- Temperature range: $-40 \sim +80^\circ \text{C}$
- Mechanical operation: ≥ 100
- Maximum cable diameter:11mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female 	PT-EK4-2M/P00 PT-EK4-5M/P00 PT-EK4-10M/P00	10093095 10093096 10093097	PVC/Black 4x16AWG (4x1.5mm ²) Ø8.5mm Cable Type NO. : 58011151-*M	Female 1.BN 2.WH 3.BU 4.BK
Right angle Female 	PT-ELK4-2M/P00 PT-ELK4-5M/P00 PT-ELK4-10M/P00	10093098 10093099 10093100		
Straight Male 	PT-EZ4-2M/P00 PT-EZ4-5M/P00 PT-EZ4-10M/P00	10093101 10093102 10093103	PVC/Black 4x16AWG (4x1.5mm ²) Ø8.5mm Cable Type NO. : 58011151-*M	Male 1.BN 2.WH 3.BU 4.BK
Right angle Male 	PT-ELZ4-2M/P00 PT-ELZ4-5M/P00 PT-ELZ4-10M/P00	10093104 10093105 10093106		
Straight Female 	PT-EK4-2M/S10 PT-EK4-5M/S10 PT-EK4-10M/S10	10093107 10093108 10093109	PVC/Black Shielded Cable 4x16AWG (4x1.5mm ²) Ø8.5mm Cable Type NO. : 58016151-*M	Female 1.BN 2.WH 3.BU 4.BK
Right angle Female 	PT-ELK4-2M/S10 PT-ELK4-5M/S10 PT-ELK4-10M/S10	10093110 10021388 10021389		
Straight Male 	PT-EZ4-2M/S10 PT-EZ4-5M/S10 PT-EZ4-10M/S10	10021390 10021391 10093115	PVC/Black Shielded Cable 4x16AWG (4x1.5mm ²) Ø8.5mm Cable Type NO. : 58016151-*M	Male 1.BN 2.WH 3.BU 4.BK
Right angle Male 	PT-ELZ4-2M/S10 PT-ELZ4-5M/S10 PT-ELZ4-10M/S10	10093116 10093117 10093118		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 Power Series S-CODE Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:12A
- Rated voltage:630VAC
- Insulation resistance: $\geq 10^9 \Omega$
- Contact resistance: $\leq 5m\Omega$
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation: ≥ 100
- Maximum cable diameter:11mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female 	PS-EK4-2M/P00 PS-EK4-5M/P00 PS-EK4-10M/P00	10093119 10093120 10093121	PVC/Black 4G16AWG (4G1.5mm ²) Ø8.5mm Cable Type NO. : 58123911-*M	Female
Right angle Female 	PS-ELK4-2M/P00 PS-ELK4-5M/P00 PS-ELK4-10M/P00	10093122 10093123 10093124		
Straight Male 	PS-EZ4-2M/P00 PS-EZ4-5M/P00 PS-EZ4-10M/P00	10093125 10093126 10093127	PVC/Black 4G16AWG (4G1.5mm ²) Ø8.5mm Cable Type NO. : 58123911-*M	Male
Right angle Male 	PS-ELZ4-2M/P00 PS-ELZ4-5M/P00 PS-ELZ4-10M/P00	10093128 10093129 10093130		
Straight Female 	PS-EK4-2M/S10 PS-EK4-5M/S10 PS-EK4-10M/S10	10093131 10093132 10093133	PVC/Black Shielded Cable 4G16AWG (4G1.5mm ²) Ø8.5mm Cable Type NO. : 58022151-*M	Female
Right angle Female 	PS-ELK4-2M/S10 PS-ELK4-5M/S10 PS-ELK4-10M/S10	10093134 10093135 10093136		
Straight Male 	PS-EZ4-2M/S10 PS-EZ4-5M/S10 PS-EZ4-10M/S10	10093137 10093138 10093139	PVC/Black Shielded Cable 4G16AWG (4G1.5mm ²) Ø8.5mm Cable Type NO. : 58022151-*M	Male
Right angle Male 	PS-ELZ4-2M/S10 PS-ELZ4-5M/S10 PS-ELZ4-10M/S10	10093140 10093141 10093142		

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 Power Series L-CODE Pre-moulding connector

- Plug body:TPU/Black
- Insulation resistance:≥10⁹Ω
- Coupling nut:Brass/Nickel
- Contact resistance:≤5mΩ
- Contact carrier:TPU/Black
- Pollution degree:3
- Pin:Brass/Gold
- Temperature range:-40~+80°C
- O-ring:FPM/FKM
- Mechanical operation:≥100
- Protection class:IP67
- Maximum cable diameter:11mm
- Rated current:12A(1.5mm²)16A(2.5mm²)
- Rated voltage:63VDC



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female 	PL-EK5-2M/P00 PL-EK5-5M/P00 PL-EK5-10M/P00	10255654 10093143 10093114	PVC/Black 5*16AWG (5*1.5mm ²) Ø9.1mm Cable Type NO. : 58023151-*M	Female 1.BN 2.WH 3.BU 4.BK 5.GY
Right angle Female 	PL-ELK5-2M/P00 PL-ELK5-5M/P00 PL-ELK5-10M/P00	10255656 10093145 10093146		 1.BN 2.WH 3.BU 4.BK 5.GY
Straight Male 	PL-EZ5-2M/P00 PL-EZ5-5M/P00 PL-EZ5-10M/P00	10255655 10093147 10093148	PVC/Black 5*16AWG (5*1.5mm ²) Ø9.1mm Cable Type NO. : 58023151-*M	Male 1.BN 2.WH 3.BU 4.BK 5.GY
Right angle Male 	PL-ELZ5-2M/P00 PL-ELZ5-5M/P00 PL-ELZ5-10M/P00	10255657 10093149 10093150		 1.BN 2.WH 3.BU 4.BK 5.GY
Straight Female 	PL-EK5-2M/S10 PL-EK5-5M/S10 PL-EK5-10M/S10	10093151 10093152 10093153	PVC/Black Shielded Cable 5*16AWG (5*1.5mm ²) Ø9.1mm Cable Type NO. : 58024151-*M	Female 1.BN 2.WH 3.BU 4.BK 5.GY
Right angle Female 	PL-ELK5-2M/S10 PL-ELK5-5M/S10 PL-ELK5-10M/S10	10093154 10093155 10093156		 1.BN 2.WH 3.BU 4.BK 5.GY
Straight Male 	PL-EZ5-2M/S10 PL-EZ5-5M/S10 PL-EZ5-10M/S10	10093157 10093158 10093159	PVC/Black Shielded Cable 5*16AWG (5*1.5mm ²) Ø9.1mm Cable Type NO. : 58024151-*M	Male 1.BN 2.WH 3.BU 4.BK 5.GY
Right angle Male 	PL-ELZ5-2M/S10 PL-ELZ5-5M/S10 PL-ELZ5-10M/S10	10093160 10093161 10093162		 1.BN 2.WH 3.BU 4.BK 5.GY

* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

M12 Power Series K-CODE Pre-moulding connector

- Plug body:TPU/Black
- Coupling nut:Brass/Nickel
- Contact carrier:TPU/Black
- Pin:Brass/Gold
- O-ring:FPM/FKM
- Protection class:IP67
- Rated current:12A(1.5mm²)16A(2.5mm²)
- Rated voltage:630VAC
- Insulation resistance:≥10⁹Ω
- Contact resistance:≤5mΩ
- Pollution degree:3
- Temperature range:-40~+80°C
- Mechanical operation:≥100
- Maximum cable diameter:11mm



Pre-moulding connector	Type NO.	ID NO.	Cable	Pinout
Straight Female 	PK-EK5-2M/P00 PK-EK5-5M/P00 PK-EK5-10M/P00	10255646 10093163 10093164	PVC/Black 5G16AWG (5G1.5mm ²) Ø9.1mm Cable Type NO. : 58025151-*M	Female 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE
Right angle Female 	PK-ELK5-2M/P00 PK-ELK5-5M/P00 PK-ELK5-10M/P00	10255648 10093165 10093166		 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE
Straight Male 	PK-EZ5-2M/P00 PK-EZ5-5M/P00 PK-EZ5-10M/P00	10255647 10093167 10093168	PVC/Black 5G16AWG (5G1.5mm ²) Ø9.1mm Cable Type NO. : 58025151-*M	Male 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE
Right angle Male 	PK-ELZ5-2M/P00 PK-ELZ5-5M/P00 PK-ELZ5-10M/P00	10255649 10093169 10093170		 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE
Straight Female 	PK-EK5-2M/S10 PK-EK5-5M/S10 PK-EK5-10M/S10	10093171 10093172 10093173	PVC/Black Shielded Cable 5G16AWG (5G1.5mm ²) Ø9.1mm Cable Type NO. : 58026151-*M	Female 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE
Right angle Female 	PK-ELK5-2M/S10 PK-ELK5-5M/S10 PK-ELK5-10M/S10	10093174 10093175 10093176		 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE
Straight Male 	PK-EZ5-2M/S10 PK-EZ5-5M/S10 PK-EZ5-10M/S10	10093177 10093178 10093179	PVC/Black Shielded Cable 5G16AWG (5G1.5mm ²) Ø9.1mm Cable Type NO. : 58026151-*M	Male 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE
Right angle Male 	PK-ELZ5-2M/S10 PK-ELZ5-5M/S10 PK-ELZ5-10M/S10	10093180 10093181 10093182		 1.BK1 2.BK2 3.BK3 4.BK4 PE.GN/YE

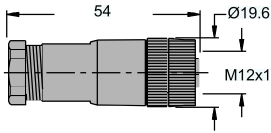
* Standard cable lengths are 2/5/10M, Consult factory for other lengths

** Standard coupling nut material is nickel plated brass

4pins/5pins/8pins M12 field wirable connector with plastic housing



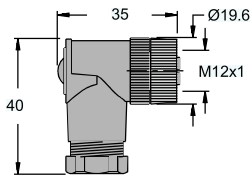
Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Straight Female Screw terminals	EK4111-0/7	10091005	PA6+GF,Black/PA,Black PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK4111-0/9	10091006	PA6+GF,Black/PA,Black PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK5111-0/7	10091008	PA6+GF,Black/PA,Black PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EK5111-0/9	10091007	PA6+GF,Black/PA,Black PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EK8111-0/7	10091249	PA6+GF,Black/PA,Black PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 V , 2 A	
	EK8111-0/9	10091097	PA6+GF,Black/PA,Black PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 V , 2 A	
	EK8111-0/11	10091071	PA6+GF,Black/PA,Black PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 V , 2 A	



4pins/5pins/8pins M12 field wireable connector with plastic housing



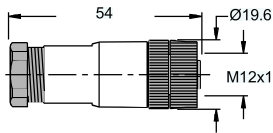
Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Right angle Female Screw terminals	ELK4111-0/7	10091015	PA6+GF,Black/PA,Black PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK4111-0/9	10091016	PA6+GF,Black/PA,Black PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK5111-0/7	10091018	PA6+GF,Black/PA,Black PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELK5111-0/9	10091017	PA6+GF,Black/PA,Black PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELK8111-0/7	10091072	PA6+GF,Black/PA,Black PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 V , 2 A	
	ELK8111-0/9	10091073	PA6+GF,Black/PA,Black PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 V , 2 A	



4pins/5pins/8pins M12 field wirable connector with transparent plastic housing



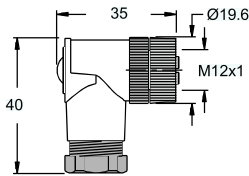
Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Straight Female Screw terminals	EK4114-0/7	10091025	PBT, Transparent/PA6+GF,Black coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK4114-0/9	10091040	PBT, Transparent/PA6+GF,Black coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK5114-0/7	10091028	PBT, Transparent/PA6+GF,Black coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EK5114-0/9	10091027	PBT, Transparent/PA6+GF,Black coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EK8114-0/7	10091075	PBT, Transparent/PA6+GF,Black coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	EK8114-0/9	10091076	PBT, Transparent/PA6+GF,Black coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	



4pins/5pins/8pins M12 field wireable connector with transparent plastic housing

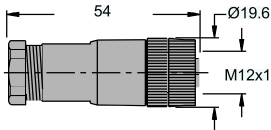
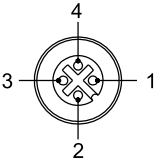
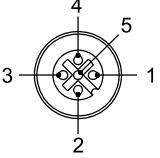
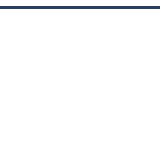
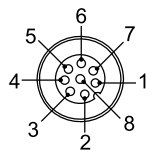
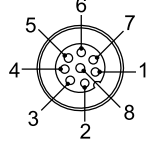


Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Right angle Female Screw terminals	ELK4114-0/7	10091050	PBT, Transparent/PA6+GF,Black coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK4114-0/9	10091051	PBT, Transparent/PA6+GF,Black coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK5114-0/7	10091052	PBT, Transparent/PA6+GF,Black coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELK5114-0/9	10091053	PBT, Transparent/PA6+GF,Black coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELK8114-0/7	10091130	PBT, Transparent/PA6+GF,Black coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	ELK8114-0/9	10091131	PBT, Transparent/PA6+GF,Black coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	

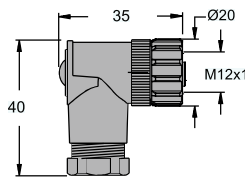


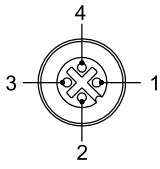
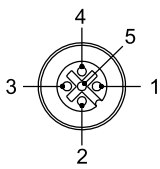
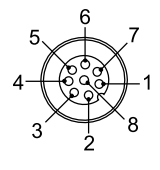
4pins/5pins/8pins M12 field wireable connector with plastic housing metal coupling nut



Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Straight Female Screw terminals 	EK4112-0/7	10091000	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK4112-0/9	10091001	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK5112-0/7	10091003	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK5112-0/9	10091002	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK8112-0/7	10091256	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	EK8112-0/9	10091004	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	EK8112-0/11	10091133	PBT, Black, nickel plated brass coupling nut PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	

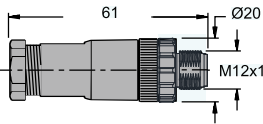
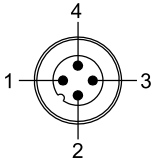
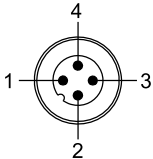
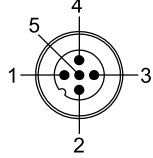
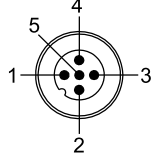
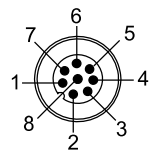
4pins/5pins/8pins M12 field wirable connector with plastic housing metal coupling nut



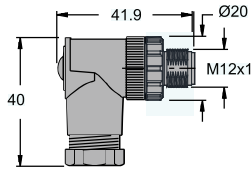
Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Right angle Female Screw terminals	ELK4112-0/7	10091010	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK4112-0/9	10091011	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK5112-0/7	10091013	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK5112-0/9	10091012	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELK8112-0/7	10091134	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	ELK8112-0/9	10091135	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	

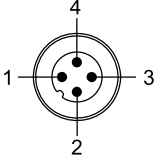
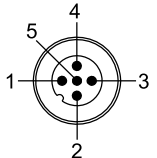
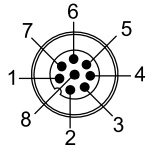
4pins/5pins/8pins M12 field wireable connector with plastic housing metal coupling nut



Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Straight Male Screw terminals 	EZ4112-0/7	10091020	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EZ4112-0/9	10091021	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EZ5112-0/7	10091023	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EZ5112-0/9	10091022	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EZ8112-0/7	10091255	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	EZ8112-0/9	10091024	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	EZ8112-0/11	10091137	PBT, Black, nickel plated brass coupling nut PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	

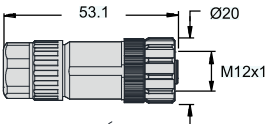
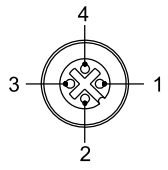
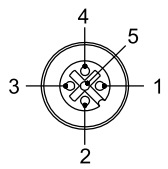
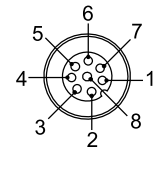
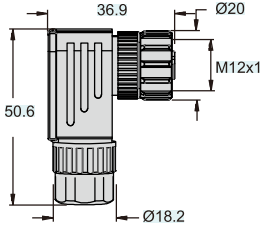
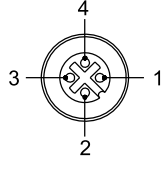
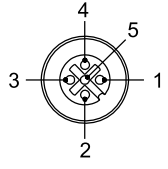
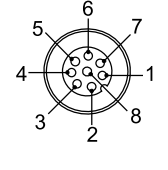
4pins/5pins/8pins M12 field wirable connector with plastic housing metal coupling nut



Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Right angle Female Screw terminals	ELZ4112-0/7	10091030	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELZ4112-0/9	10091031	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELZ5112-0/7	10091037	PBT,Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELZ5112-0/9	10091032	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELZ8112-0/7	10091034	PBT, Black, nickel plated brass coupling nut PG 7 cable gland Accepts 4-6 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
	ELZ8112-0/9	10091138	PBT, Black, nickel plated brass coupling nut PG 9 cable gland Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	

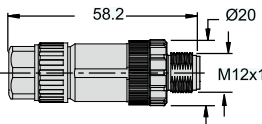
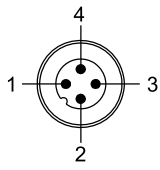
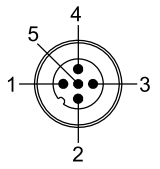
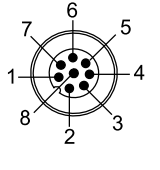
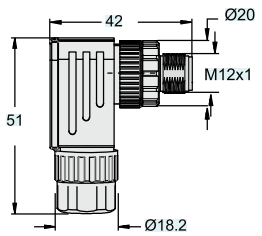
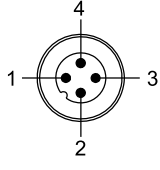
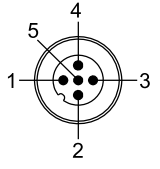
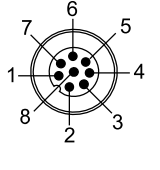
4pins/5pins/8pins M12 field wireable connector with metal housing



Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Straight Female Screw terminals 	EK4218-0/9	10091250	Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK5218-0/9	10091270	Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EK8218-0/9	10091014	Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
M12x1 Right angle Female Screw terminals 	ELK4218-0/9	10091251	Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELK5218-0/9	10091271	Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELK8218-0/9	10091062	Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	

4pins/5pins/8pins M12 field wireable connector with metal housing



Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Straight Male Screw terminals 	EZ4218-0/9	10091240	Brass/Nickel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EZ5218-0/9	10091260	Brass/Nickel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EZ8218-0/9	10091119	Brass/Nickel Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	
M12x1 Right angle Male Screw terminals 	ELZ4218-0/9	10091241	Brass/Nickel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	ELZ5218-0/9	10091261	Brass/Nickel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	ELZ8218-0/9	10091063	Brass/Nickel Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 VAC/75 VDC , 2 A	

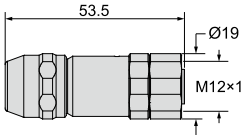
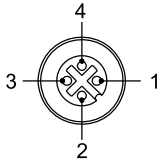
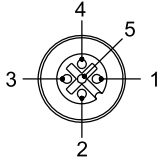
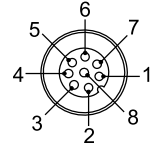
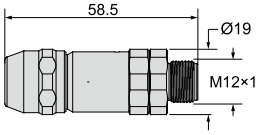
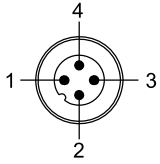
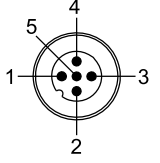
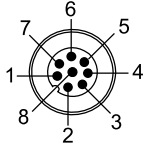
12pins M12 field wirable connector with metal housing



Field wireable connector	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Straight Female Solder connection</p>	EK12218-0/9/L	10091289	<p>Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.25 mm² Max. Solder connection 85°C, 60 V, 2 A</p>	
<p>M12x1 Right angle Female Solder connection</p>	ELK12218-0/9/L	10091290	<p>Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.25 mm² Max. Solder connection 85°C, 60 V, 2 A</p>	
<p>M12x1 Straight Male Solder connection</p>	EZ12218-0/9/L	10091381	<p>Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.25 mm² Max. Solder connection 85°C, 60 V, 2 A</p>	
<p>M12x1 Right angle Male Solder connection</p>	ELZ12218-0/9/L	10091380	<p>Brass/Nicket Accepts 6-8 mm cable diameter Accepts 0.25 mm² Max. Solder connection 85°C, 60 V, 2 A</p>	

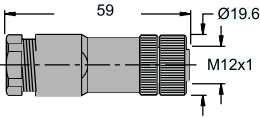
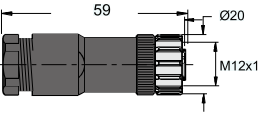
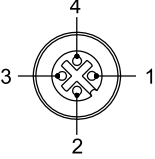

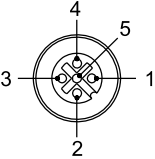
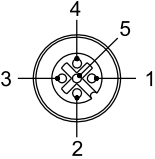
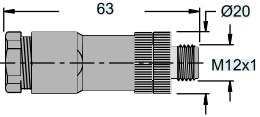
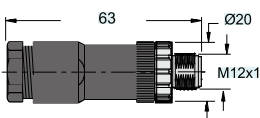
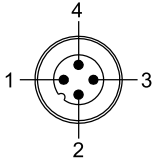
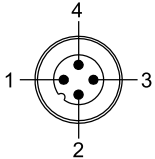
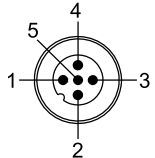
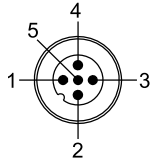
4pins/5pins/8pins M12 field wirable connector with Stainless steel housing



Field wireable connector	Type NO.	ID NO.	Features	Pinout
M12x1 Straight Female Screw terminals 	EK4219-0/9	10091267	Stainless steel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EK5219-0/9	10091268	Stainless steel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EK8219-0/9	10091286	Stainless steel Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 V , 2 A	
M12x1 Straight Male Screw terminals 	EZ4219-0/9	10091287	Stainless steel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 250 V , 4 A	
	EZ5219-0/9	10091280	Stainless steel Accepts 6-8 mm cable diameter Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
	EZ8219-0/9	10091288	Stainless steel Accepts 6-8 mm cable diameter Accepts 0.5 mm ² Max. Screw terminals 85°C , 60 V , 2 A	

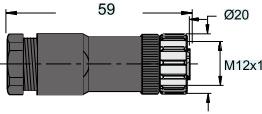

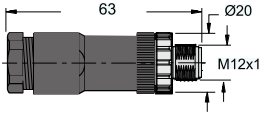
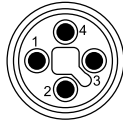
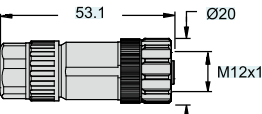
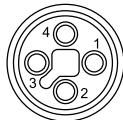
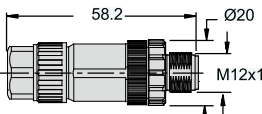
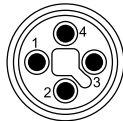
4pins/5pins M12 Dual cable outlet Field wireable connector



Field wireable connector	Type NO.	ID NO.	Features	Pinout	
<p>M12x1 Straight Female Screw terminals</p>  	EK4111-1/11	10091105	PBT, Black, Nylon coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A		
	EK4112-1/11	10091106	PBT, Black, nickel plated brass coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A		
	EK5111-1/11	10091107	PBT, Black, Nylon coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A		
	EK5112-1/11	10091108	PBT, Black, nickel plated brass coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A		
	<p>M12x1 Straight Male Screw terminals</p>  	EZ4111-1/11	10091115	PBT, Black, Nylon coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
		EZ4112-1/11	10091116	PBT, Black, nickel plated brass coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
		EZ5111-1/11	10091117	PBT, Black, Nylon coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	
		EZ5112-1/11	10091118	PBT, Black, nickel plated brass coupling nut Accepts 2x3 mm or 2x5 mm cable diameters Accepts 0.75 mm ² Max. Screw terminals 85°C , 125 V , 4 A	

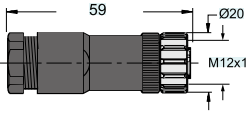

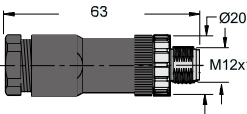
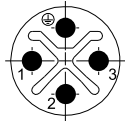
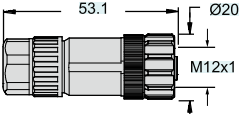

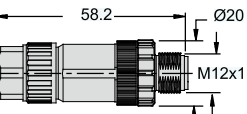
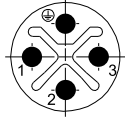
4pins M12 T-Code field wireable connector



Field wireable connector	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Straight Female Screw terminals</p> 	EK4242-0/11	10091258	<p>PA6+GF, Black/PA,Black PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Female</p> 
<p>M12x1 Straight Male Screw terminals</p> 	EZ4242-0/11	10091259	<p>PA6+GF, Black/PA,Black PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Male</p> 
<p>M12x1 Straight Female Screw terminals</p> 	EK4248-0/9	10091045	<p>Brass/Nicket PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Female</p> 
<p>M12x1 Straight Male Screw terminals</p> 	EZ4248-0/9	10091041	<p>Brass/Nicket PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Male</p> 

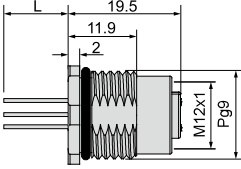
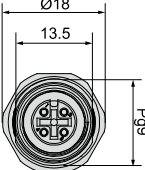
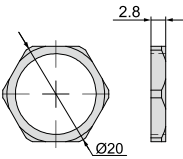
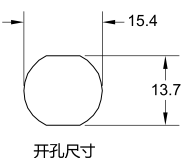
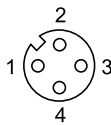
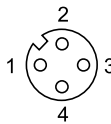
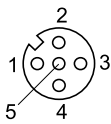
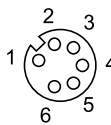
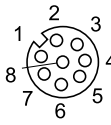
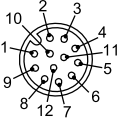
4pins M12 S-Code field wirable connector



Field wireable connector	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Straight Female Screw terminals</p> 	EK4252-0/11	10091279	<p>PA6+GF, Black/PA,Black PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Female</p> 
<p>M12x1 Straight Male Screw terminals</p> 	EZ4252-0/11	10091274	<p>PA6+GF, Black/PA,Black PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Male</p> 
<p>M12x1 Straight Female Screw terminals</p> 	EK4258-0/9	10255280	<p>Brass/Nicket PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Female</p> 
<p>M12x1 Straight Male Screw terminals</p> 	EZ4258-0/9	10255281	<p>Brass/Nicket PG 11 cable gland Accepts 8-10 mm cable diameter Accepts 1.5 mm² Max. Screw terminals 85°C , 63 VDC , 12 A</p>	<p>Male</p> 

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Rear Mount with wire Female</p>    	FEK31-0.5 FEK31-1.0	10041500 10041598	3x0.34mm ² PVC 105°C 250V 4A	 <ul style="list-style-type: none"> 1.BN 2.N/C 3.BU 4.BK
	FEK41-0.5 FEK41-1.0	10041510 10041516	4x0.34mm ² PVC 105°C 250V 4A	 <ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK
	FEK51-0.5 FEK51-1.0	10041520 10041521	4x0.34mm ² + 1x0.5mm ² PVC 105°C 125V 4A	 <ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK 5.GN
	FEK61-0.5 FEK61-1.0	10041530 10041560	6x0.25mm ² PVC 105°C 60V 2A	 <ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK 5.GY 6.PK
	FEK81-0.5 FEK81-1.0	10041550 10041570	8x0.25mm ² PVC 105°C 60V 2A	 <ul style="list-style-type: none"> 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
	FEK121-0.5 FEK121-1.0	10048057 10048058	12x0.25mm ² PVC 105°C 60V 2A	 <ul style="list-style-type: none"> 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Rear Mount with wire Female</p>	<p>FEK171-0.5 FEK171-1.0</p>	<p>10046035 10255282</p>	<p>17x0.14mm² PVC -40°C~85°C 30V 1.5A</p>	<ul style="list-style-type: none"> 1.BN 2.BU 3.WH 4.GN 5.PK 6.YE 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YE 16.YE/BN 17.WH/GY

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Rear Mount with wire Male</p>	FEZ31-0.5 FEZ31-1.0	10041600 10041571	3x0.34mm ² PVC 105°C 250V 4A	<p>1.BN 3.BU 4.BK</p>
	FEZ41-0.5 FEZ41-1.0	10041610 10041518	4x0.34mm ² PVC 105°C 250V 4A	<p>1.BN 2.WH 3.BU 4.BK</p>
	FEZ51-0.5 FEZ51-1.0	10041620 10041621	4x0.34mm ² +1x0.5mm ² PVC 105°C 250V 4A	<p>1.BN 2.WH 3.BU 4.BK 5.GN/YE</p>
	FEZ61-0.5 FEZ61-1.0	10041630 10041572	6x0.25mm ² PVC 105°C 60V 2A	<p>1.BN 2.WH 3.BU 4.BK 5.GY 6.PK</p>
	FEZ81-0.5 FEZ81-1.0	10041650 10041573	8x0.25mm ² PVC 105°C 60V 2A	<p>1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD</p>
	FEZ121-0.5 FEZ121-1.0	10048060 10048059	12x0.25mm ² PVC 105°C 60V 2A	<p>1.WH 2.BN 3.GN 4.YE 9.OG 5.GY 10.TN 6.PK 11.BK 7.BU 12.VT 8.RD</p>

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Adjustable coupling thread length Front mount cordset, wire Female</p> <p>Proposed to open PG9 threaded bore hole</p>	FEK32-0.5 FEK32-1.0	10041538 10041539	3x0.34mm ² PVC 105°C 250V 4A	<ul style="list-style-type: none"> 1.BN 2.N/C 3.BU 4.BK
	FEK42-0.5 FEK42-1.0	10049010 10049011	4x0.34mm ² PVC 105°C 250V 4A	<ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK
	FEK52-0.5 FEK52-1.0	10049020 10041531	4x0.34mm ² + 1x0.5mm ² PVC 105°C 250V 4A	<ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK 5.GN
	FEK62-0.5 FEK62-1.0	10041534 10041535	6x0.25mm ² PVC 105°C 60V 2A	<ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK 5.GY 6.PK
	FEK82-0.5 FEK82-1.0	10041536 10041537	8x0.25mm ² PVC 105°C 60V 2A	<ul style="list-style-type: none"> 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
	FEK122-0.5 FEK122-1.0	10048061 10041574	12x0.25mm ² PVC 105°C 60V 2A	<ul style="list-style-type: none"> 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Front Mount Rear Mount with wire Short type Female</p>	FEK321-0.5 FEK321-1.0	10048055 10048056	3x0.34mm ² PVC 105°C 250V 4A	<ul style="list-style-type: none"> 1.BN 2.N/C 3.BU 4.BK
	FEK421-0.5 FEK421-1.0	10047010 10048063	4x0.34mm ² PVC 105°C 250V 4A	<ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK
	FEK521-0.5 FEK521-1.0	10046081 10048064	4x0.34mm ² + 1x0.5mm ² PVC 105°C 250V 4A	<ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK 5.GN
	FEK621-0.5 FEK621-1.0	10048065 10048066	6x0.25mm ² PVC 105°C 60V 2A	<ul style="list-style-type: none"> 1.BN 2.WH 3.BU 4.BK 5.GY 6.PK
	FEK821-0.5 FEK821-1.0	10048067 10048068	8x0.25mm ² PVC 105°C 60V 2A	<ul style="list-style-type: none"> 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD
	FEK1221-0.5 FEK1221-1.0	10048069 10041575	12x0.25mm ² PVC 105°C 60V 2A	<ul style="list-style-type: none"> 1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Adjustable coupling thread length Front mount cordset, wire Male</p> <p>Proposed to open PG9 threaded bore hole</p>	FEZ32-0.5 FEZ32-1.0	10041576 10041577	3x0.34mm ² PVC 105°C 250V 4A	<p>1.BN 3.BU 4.BK</p>
	FEZ42-0.5 FEZ42-1.0	10049110 10049111	4x0.34mm ² PVC 105°C 250V 4A	<p>1.BN 2.WH 3.BU 4.BK</p>
	FEZ52-0.5 FEZ52-1.0	10041122 10041578	4x0.34mm ² + 1x0.5mm ² PVC 105°C 250V 4A	<p>1.BN 2.WH 3.BU 4.BK 5.GN/YE</p>
	FEZ62-0.5 FEZ62-1.0	10041579 10041680	6x0.25mm ² PVC 105°C 60V 2A	<p>1.BN 2.WH 3.BU 4.BK 5.GY 6.PK</p>
	FEZ82-0.5 FEZ82-1.0	10046404 10041681	8x0.25mm ² PVC 105°C 60V 2A	<p>1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD</p>
	FEZ122-0.5 FEZ122-1.0	10048071 10048062	12x0.25mm ² PVC 105°C 60V 2A	<p>1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD 9.OG 10.TN 11.BK 12.VT</p>

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Front Mount Rear Mount with wire Short type Male</p>	FEZ321-0.5 FEZ321-1.0	10048073 10048074	3x0.34mm ² PVC 105°C 250V 4A	<p>1.BN 3.BU 4.BK</p>
	FEZ421-0.5 FEZ421-1.0	10048075 10048076	4x0.34mm ² PVC 105°C 250V 4A	<p>1.BN 2.WH 3.BU 4.BK</p>
	FEZ521-0.5 FEZ521-1.0	10048077 10048078	4x0.34mm ² +1x0.5mm ² PVC 105°C 125V 4A	<p>1.BN 2.WH 3.BU 4.BK 5.GN/YE</p>
	FEZ621-0.5 FEZ621-1.0	10048079 10048080	6x0.25mm ² PVC 105°C 60V 2A	<p>1.BN 2.WH 3.BU 4.BK 5.GY 6.PK</p>
	FEZ821-0.5 FEZ821-1.0	10048081 10048082	8x0.25mm ² PVC 105°C 60V 2A	<p>1.WH 2.BN 3.GN 4.YE 5.GY 6.PK 7.BU 8.RD</p>
	FEZ1221-0.5 FEZ1221-1.0	10048083 10048084	12x0.25mm ² PVC 105°C 60V 2A	<p>1.WH 2.BN 3.GN 4.YE 9.OG 5.GY 10.TN 6.PK 11.BK 7.BU 12.VT 8.RD</p>

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Front Mount Rear Mount with wire Short type Male</p>	<p>FEZ1721-0.5 FEZ1721-1.0</p>	<p>10255283 10255284</p>	<p>17x0.14mm² PVC -40°C~85°C 30V 1.5A</p>	<ul style="list-style-type: none"> 1.BN 2.BU 3.WH 4.GN 5.PK 6.YE 7.BK 8.GY 9.RD 10.VT 11.GY/PK 12.RD/BU 13.WH/GN 14.BN/GN 15.WH/YE 16.YE/BN 17.WH/GY

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12 Rear Mount with Solder Cups Female</p>	FEK31-L	10041502	Solder cup 105°C 250V 4A	
	FEK41-L	10041512	Solder cup 105°C 250V 4A	
	FEK51-L	10041522	Solder cup 105°C 125V 4A	
	FEK61-L	10041532	Solder cup 105°C 60V 2A	
	FEK81-L	10041552	Solder cup 105°C 60V 2A	

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12 Rear Mount with Solder Cups Male</p>	FEZ31-L	10041602	Solder cup 105°C 250V 4A	
	FEZ41-L	10041612	Solder cup 105°C 250V 4A	
	FEZ51-L	10041622	Solder cup 105°C 125V 4A	
	FEZ61-L	10041632	Solder cup 105°C 60V 2A	
	FEZ81-L	10041652	Solder cup 105°C 60V 2A	

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12 Adjustable coupling thread length Solder cup , Female</p>	FEK32-L	10049002	Solder cup 105°C 250V 4A	
	FEK42-L	10048992	Solder cup 105°C 250V 4A	
	FEK52-L	10041028	Solder cup 105°C 125V 4A	
	FEK62-L	10048994	Solder cup 105°C 60V 2A	
	FEK82-L	10048995	Solder cup 105°C 60V 2A	

M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12 Front Mount Rear Mount with Solder Cups Short type Female</p>	FEK321-L	10048983	Solder cup 105°C 250V 4A	
	FEK421-L	10048984	Solder cup 105°C 250V 4A	
	FEK521-L	10048993	Solder cup 105°C 125V 4A	
	FEK621-L	10048981	Solder cup 105°C 60V 2A	
	FEK821-L	10048982	Solder cup 105°C 60V 2A	

M12 receptacle

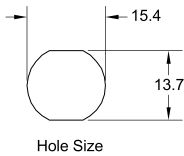
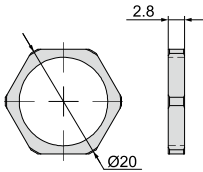
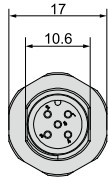
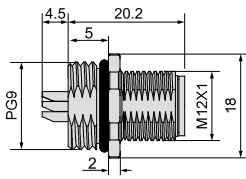


Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12 Adjustable coupling thread length Solder cup , Male</p> <p>Proposed to open PG9 threaded bore hole</p>	FEZ32-L	10049001	Solder cup 105°C 250V 4A	
	FEZ42-L	10049003	Solder cup 105°C 250V 4A	
	FEZ52-L	10041029	Solder cup 105°C 125V 4A	
	FEZ62-L	10048985	Solder cup 105°C 60V 2A	
	FEZ82-L	10048986	Solder cup 105°C 60V 2A	

M12 receptacle



M12
Front Mount Rear Mount with
Solder Cups Short type
Male



Receptacle	Type NO.	ID NO.	Features	Pinout
 	FEZ321-L	10048987	Solder cup 105°C 250V 4A	
	FEZ421-L	10048988	Solder cup 105°C 250V 4A	
	FEZ521-L	10048989	Solder cup 105°C 125V 4A	
	FEZ621-L	10048990	Solder cup 105°C 60V 2A	
	FEZ821-L	10048991	Solder cup 105°C 60V 2A	

M12 receptacle

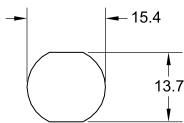
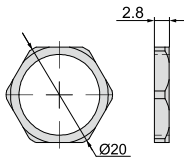
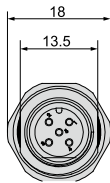
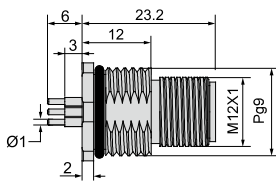


Receptacle	Type NO.	ID NO.	Features	Pinout																										
<p>M12 Rear Mount Rear Mount with PCB Pins Female</p>	FEK31-P	10041503	3xØ1mm PCB pins 105°C 250V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	-2.50	0.00	2	0.00	2.50	3	2.50	0.00	4	0.00	-2.50											
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FEK41-P	10041513	4xØ1mm PCB pins 105°C 250V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	-2.50	0.00	2	0.00	2.50	3	2.50	0.00	4	0.00	-2.50												
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FEK51-P	10041523	5xØ1mm PCB pins 105°C 125V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> <tr> <td>5</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>		X	Y	1	-2.50	0.00	2	0.00	2.50	3	2.50	0.00	4	0.00	-2.50	5	0.00	0.00									
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FEK61-P	10041533	6xØ1mm PCB pins 105°C 60V 2A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.60</td> <td>0.40</td> </tr> <tr> <td>2</td> <td>-0.70</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>1.40</td> <td>2.20</td> </tr> <tr> <td>4</td> <td>2.60</td> <td>0.40</td> </tr> <tr> <td>5</td> <td>2.00</td> <td>-1.70</td> </tr> <tr> <td>6</td> <td>0.00</td> <td>-2.60</td> </tr> </tbody> </table>		X	Y	1	-2.60	0.40	2	-0.70	2.50	3	1.40	2.20	4	2.60	0.40	5	2.00	-1.70	6	0.00	-2.60						
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FEK81-P	10041553	8xØ1mm PCB pins 105°C 60V 2A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.69</td> <td>0.57</td> </tr> <tr> <td>2</td> <td>-0.57</td> <td>2.69</td> </tr> <tr> <td>3</td> <td>1.66</td> <td>2.20</td> </tr> <tr> <td>4</td> <td>2.75</td> <td>0.19</td> </tr> <tr> <td>5</td> <td>1.94</td> <td>-1.94</td> </tr> <tr> <td>6</td> <td>-0.19</td> <td>-2.75</td> </tr> <tr> <td>7</td> <td>-2.20</td> <td>-1.66</td> </tr> <tr> <td>8</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>		X	Y	1	-2.69	0.57	2	-0.57	2.69	3	1.66	2.20	4	2.75	0.19	5	1.94	-1.94	6	-0.19	-2.75	7	-2.20	-1.66	8	0.00	0.00
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7	-2.20	-1.66																												
8	0.00	0.00																												

M12 receptacle



M12
Rear Mount Rear Mount with
PCB Pins
Male



Hole Size

Receptacle	Type NO.	ID NO.	Features	Pinout																										
	FEZ31-P	10041603	3xØ1mm PCB pins 105°C 250V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	2.50	0.00	2	0.00	2.50	3	-2.50	0.00	4	0.00	-2.50											
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FEZ41-P	10041613	4xØ1mm PCB pins 105°C 250V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	2.50	0.00	2	0.00	2.50	3	-2.50	0.00	4	0.00	-2.50												
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FEZ51-P	10041623	5xØ1mm PCB pins 105°C 125V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> <tr> <td>5</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>		X	Y	1	2.50	0.00	2	0.00	2.50	3	-2.50	0.00	4	0.00	-2.50	5	0.00	0.00									
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FEZ61-P	10041643	6xØ1mm PCB pins 105°C 60V 2A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.60</td> <td>0.40</td> </tr> <tr> <td>2</td> <td>0.70</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-1.40</td> <td>2.20</td> </tr> <tr> <td>4</td> <td>-2.60</td> <td>0.40</td> </tr> <tr> <td>5</td> <td>-2.00</td> <td>-1.70</td> </tr> <tr> <td>6</td> <td>0.00</td> <td>-2.60</td> </tr> </tbody> </table>		X	Y	1	2.60	0.40	2	0.70	2.50	3	-1.40	2.20	4	-2.60	0.40	5	-2.00	-1.70	6	0.00	-2.60						
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FEZ81-P	10041653	8xØ1mm PCB pins 105°C 60V 2A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.69</td> <td>0.57</td> </tr> <tr> <td>2</td> <td>0.57</td> <td>2.69</td> </tr> <tr> <td>3</td> <td>-1.66</td> <td>2.20</td> </tr> <tr> <td>4</td> <td>-2.75</td> <td>0.19</td> </tr> <tr> <td>5</td> <td>-1.94</td> <td>-1.94</td> </tr> <tr> <td>6</td> <td>0.19</td> <td>-2.75</td> </tr> <tr> <td>7</td> <td>2.20</td> <td>-1.66</td> </tr> <tr> <td>8</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>		X	Y	1	2.69	0.57	2	0.57	2.69	3	-1.66	2.20	4	-2.75	0.19	5	-1.94	-1.94	6	0.19	-2.75	7	2.20	-1.66	8	0.00	0.00
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M12 receptacle

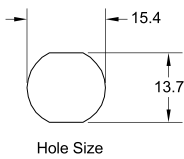
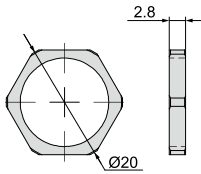
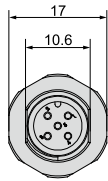
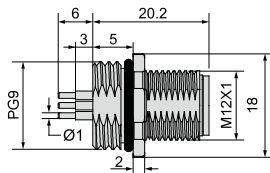


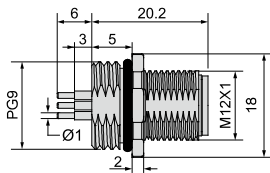
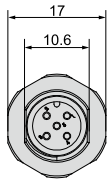
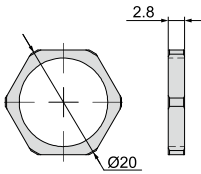
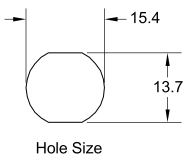
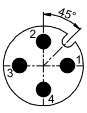
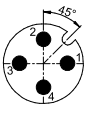
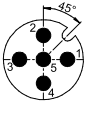
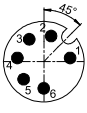
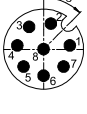
Receptacle	Type NO.	ID NO.	Features	Pinout																											
<p>M12 Front Mount Rear Mount with PCB Pins Short type Female</p>	FEK321-P	10048996	3xØ1mm PCB pins 105°C 250V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	-2.50	0.00	2	0.00	2.50	3	2.50	0.00	4	0.00	-2.50												
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	FEK421-P	10048997	4xØ1mm PCB pins 105°C 250V 4A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	-2.50	0.00	2	0.00	2.50	3	2.50	0.00	4	0.00	-2.50												
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	FEK621-P	10048999	6xØ1mm PCB pins 105°C 60V 2A	<table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-2.60</td> <td>0.40</td> </tr> <tr> <td>2</td> <td>-0.70</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>1.40</td> <td>2.20</td> </tr> <tr> <td>4</td> <td>2.60</td> <td>0.40</td> </tr> <tr> <td>5</td> <td>2.00</td> <td>-1.70</td> </tr> <tr> <td>6</td> <td>0.00</td> <td>-2.60</td> </tr> </tbody> </table>		X	Y	1	-2.60	0.40	2	-0.70	2.50	3	1.40	2.20	4	2.60	0.40	5	2.00	-1.70	6	0.00	-2.60						
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M12 receptacle



M12
Front Mount Rear Mount with
PCB Pins Short type
Male



Receptacle	Type NO.	ID NO.	Features	Pinout																										
<p>M12 Front Mount Rear Mount with PCB Pins Short type Male</p>    	FEZ321-P	10049004	3xØ1mm PCB pins 105°C 250V 4A	 <table border="1" data-bbox="1292 616 1436 728"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	2.50	0.00	2	0.00	2.50	3	-2.50	0.00	4	0.00	-2.50											
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FEZ421-P	10049005	4xØ1mm PCB pins 105°C 250V 4A	 <table border="1" data-bbox="1292 840 1436 952"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> </tbody> </table>		X	Y	1	2.50	0.00	2	0.00	2.50	3	-2.50	0.00	4	0.00	-2.50												
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FEZ521-P	10049006	5xØ1mm PCB pins 105°C 125V 4A	 <table border="1" data-bbox="1292 1064 1436 1176"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.50</td> <td>0.00</td> </tr> <tr> <td>2</td> <td>0.00</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-2.50</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>0.00</td> <td>-2.50</td> </tr> <tr> <td>5</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>		X	Y	1	2.50	0.00	2	0.00	2.50	3	-2.50	0.00	4	0.00	-2.50	5	0.00	0.00									
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FEZ621-P	10049007	6xØ1mm PCB pins 105°C 60V 2A	 <table border="1" data-bbox="1292 1288 1436 1400"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.60</td> <td>0.40</td> </tr> <tr> <td>2</td> <td>0.70</td> <td>2.50</td> </tr> <tr> <td>3</td> <td>-1.40</td> <td>2.20</td> </tr> <tr> <td>4</td> <td>-2.60</td> <td>0.40</td> </tr> <tr> <td>5</td> <td>-2.00</td> <td>-1.70</td> </tr> <tr> <td>6</td> <td>0.00</td> <td>-2.60</td> </tr> </tbody> </table>		X	Y	1	2.60	0.40	2	0.70	2.50	3	-1.40	2.20	4	-2.60	0.40	5	-2.00	-1.70	6	0.00	-2.60						
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FEZ821-P	10049008	8xØ1mm PCB pins 105°C 60V 2A	 <table border="1" data-bbox="1292 1512 1436 1624"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2.69</td> <td>0.57</td> </tr> <tr> <td>2</td> <td>0.57</td> <td>2.69</td> </tr> <tr> <td>3</td> <td>-1.66</td> <td>2.20</td> </tr> <tr> <td>4</td> <td>-2.75</td> <td>0.19</td> </tr> <tr> <td>5</td> <td>-1.94</td> <td>-1.94</td> </tr> <tr> <td>6</td> <td>0.19</td> <td>-2.75</td> </tr> <tr> <td>7</td> <td>2.20</td> <td>-1.66</td> </tr> <tr> <td>8</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>		X	Y	1	2.69	0.57	2	0.57	2.69	3	-1.66	2.20	4	-2.75	0.19	5	-1.94	-1.94	6	0.19	-2.75	7	2.20	-1.66	8	0.00	0.00
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M12 receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12 Adapters</p> <p>A-Code</p> <p>B-Code</p>	FEK4 FEZ4/M12	10041700	4pins Male-Female 105°C 250V DC 4A	
	FEK5 FEZ5/M12	10041024	5pins Male-Female 105°C 250V DC 4A	
	FEK6 FEZ6/M12	10041702	6pins Male-Female 105°C 60V DC 1.5A	
	FEK8 FEZ8/M12	10041554	8pins Male-Female 105°C 60V DC 1.5A	
	FEBK5 FEBZ5/M12	10041703	5pins Male-Female B-code 105°C 250V DC 4A	
	FEIK4 FEIZ4/M12	10041662	4pins Male-Female D-code 105°C 250V DC 4A	

M12 Power Series T-CODE Receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Rear Mount with wire Female</p> <p>T-Code</p>	<p>PT-FEK41-0.5 PT-FEK41-1.0</p>	<p>10093183 10093184</p>	<p>4x1.5mm² PVC -40°C ~ +85°C 63VDC 12A</p>	<p>Female</p> <p>1.BN 2.WH 3.BU 4.BK</p>
<p>M12x1 Rear Mount with wire Male</p> <p>T-Code</p>	<p>PT-FEZ41-0.5 PT-FEZ41-1.0</p>	<p>10093185 10093186</p>	<p>4x1.5mm² PVC -40°C ~ +85°C 63VDC 12A</p>	<p>Male</p> <p>1.BN 2.WH 3.BU 4.BK</p>
<p>M12x1 Adjustable coupling thread length Front mount cordset, wire Female</p> <p>T-Code</p>	<p>PT-FEK42-0.5 PT-FEK42-1.0</p>	<p>10093187 10093188</p>	<p>4x1.5mm² PVC -40°C ~ +85°C 63VDC 12A</p>	<p>Female</p> <p>1.BN 2.WH 3.BU 4.BK</p>
<p>M12x1 Adjustable coupling thread length Front mount cordset, wire Male</p> <p>T-Code</p>	<p>PT-FEZ42-0.5 PT-FEZ42-1.0</p>	<p>10093189 10093190</p>	<p>4x1.5mm² PVC -40°C ~ +85°C 63VDC 12A</p>	<p>Male</p> <p>1.BN 2.WH 3.BU 4.BK</p>

M12 Power Series S-CODE Receptacle



Receptacle	Type NO.	ID NO.	Features	Pinout
<p>M12x1 Rear Mount with wire Female</p> <p>S-Code</p>	<p>PS-FEK41-0.5 PS-FEK41-1.0</p>	<p>10093191 10093192</p>	<p>4x1.5mm² PVC 105°C 630VAC 12A</p>	<p>Female</p> <p>1.BK1 2.BK2 3.BK3 4.GN/YE</p>
<p>M12x1 Rear Mount with wire Male</p> <p>S-Code</p>	<p>PS-FEZ41-0.5 PS-FEZ41-1.0</p>	<p>10093193 10093194</p>	<p>4x1.5mm² PVC 105°C 630VAC 12A</p>	<p>Male</p> <p>1.BK1 2.BK2 3.BK3 4.GN/YE</p>
<p>M12x1 Adjustable coupling thread length Front mount cordset, wire Female</p> <p>S-Code</p>	<p>PS-FEK42-0.5 PS-FEK42-1.0</p>	<p>10093195 10093196</p>	<p>4x1.5mm² PVC 105°C 630VAC 12A</p>	<p>Female</p> <p>1.BK1 2.BK2 3.BK3 4.GN/YE</p>
<p>M12x1 Adjustable coupling thread length Front mount cordset, wire Male</p> <p>S-Code</p>	<p>PS-FEZ42-0.5 PS-FEZ42-1.0</p>	<p>10093197 10093198</p>	<p>4x1.5mm² PVC 105°C 630VAC 12A</p>	<p>Male</p> <p>1.BK1 2.BK2 3.BK3 4.GN/YE</p>