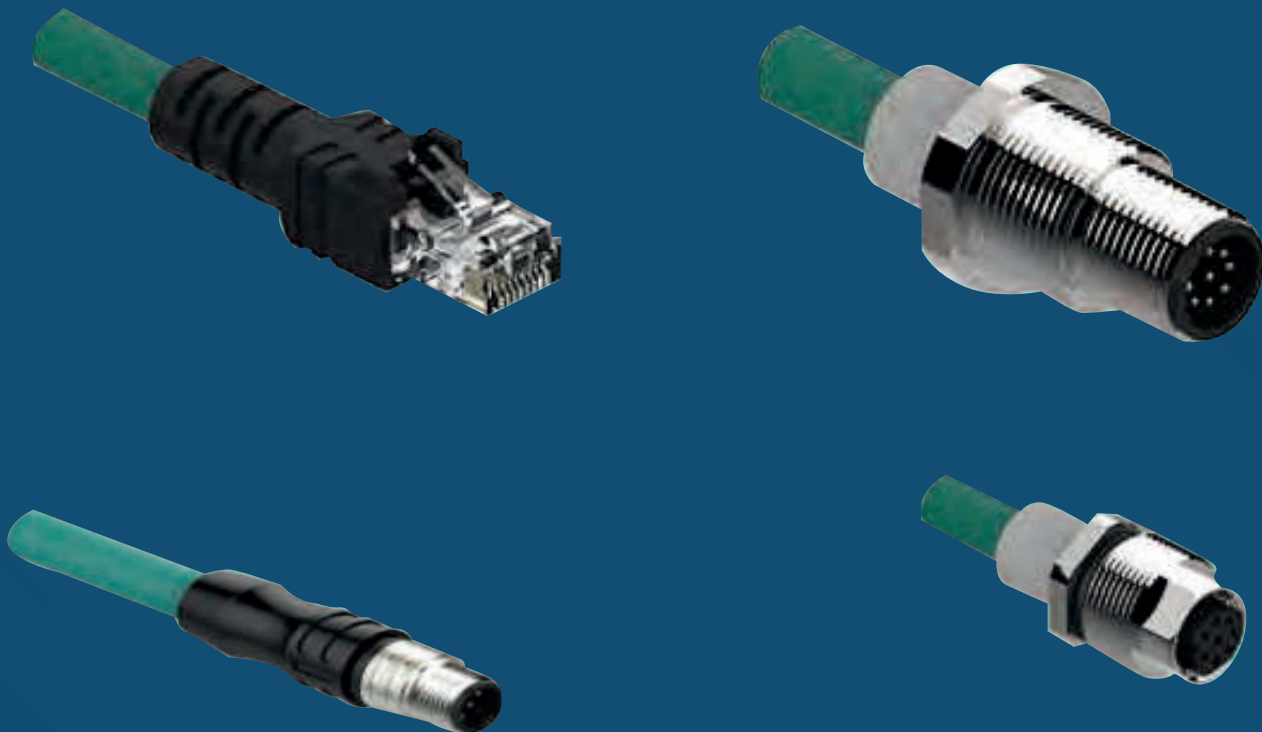




■ Ethernet connector



Monclova: Tel. (866) 633 37 21 / 632 90 7

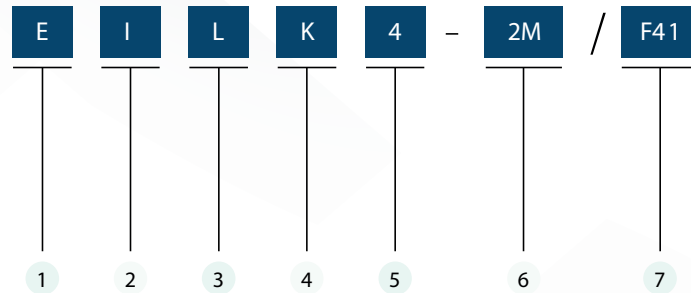
Monterrey: Tel. (81) 1001-6958

Contacto: Ventas@brokable.com / Contacto@brokable.com

www.brokable.com

Ethernet/IP 、 Modbus™TCP 、 Profinet field wireable connector part number key

M12x1 Pre-moulding connector

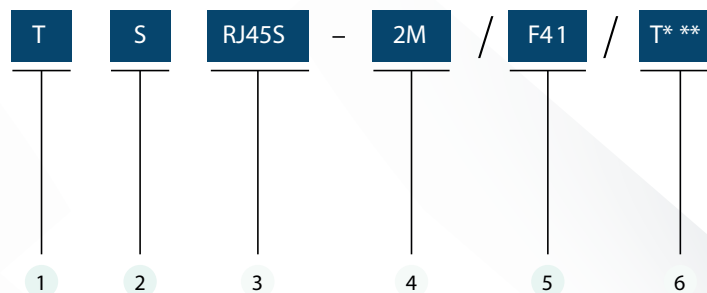


- 1 E M12x1Connector
- 2 I Ethernet
- 3 L Right angle
Blank Straight

- 4 K Female
Z Male
- 5 Number of pins
Contact distribution

- 6 Length [m]
- 7 Cable type
F41/F410
E41/E45
E61/E610
E71
F21/F23

RJ45 Premolding Connector



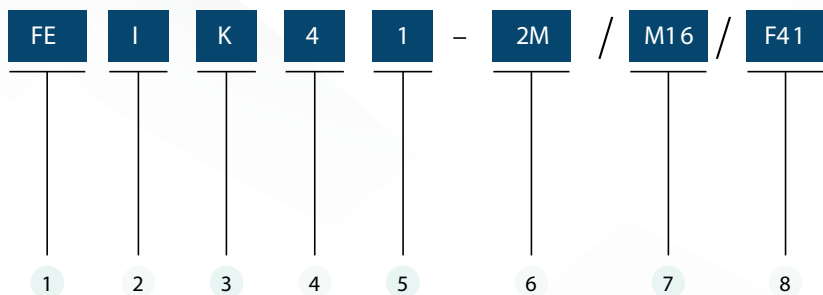
- 1 T Right angle , Buckle up
B Right angle , Buckle down
C Straight , Screw cordset
D Straight , Short version
- 2 Blank RJ45
S QD-type RJ45
- 3 RJ45S Shielding

- 4 Length [m]
- 5 Cable type
F41/F410
E41/E45
E61/E610
E71
F21/F23

- 6 T*** customization

Ethernet/IP 、 Modbus™TCP 、 Profinet field wireable connector part number key

Receptacle

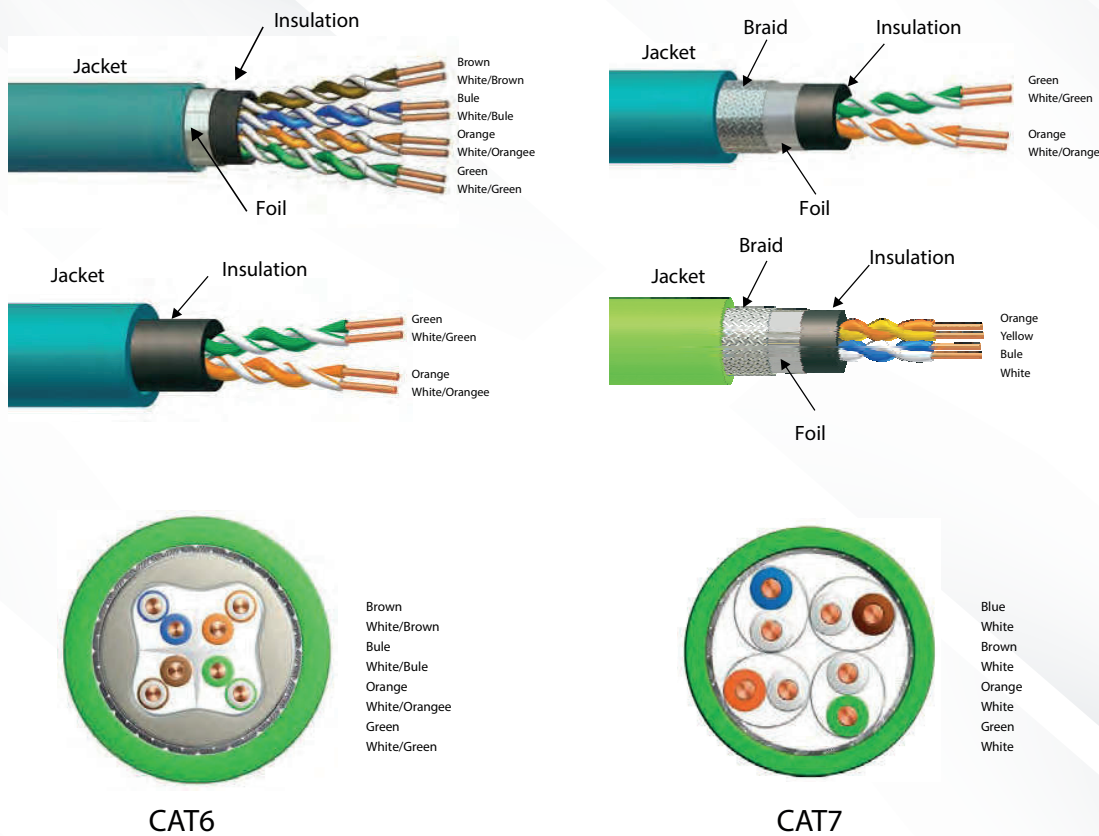


- 1 FE M12x1 receptacle
- 2 I Ethernet
- 3 K Female
Z Male
- 4 Number of pins
Contact distribution

- 5 Termination (mounting style)
1 Rear mount
2 Front mount
- 6 Length [m]
- 7 Thread Type (connection thread)
M8
M16
Blank PG9

- 8 Cable type
F41/F410
E41/E45
E61/E65
E71/E75
F21/F23

Ethernet Cable Type



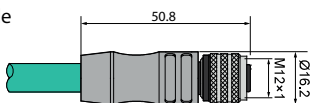
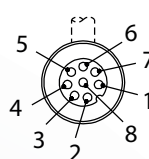
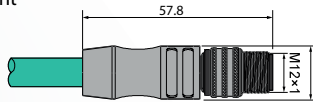
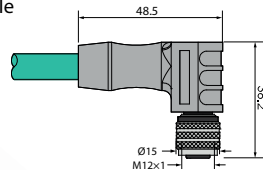
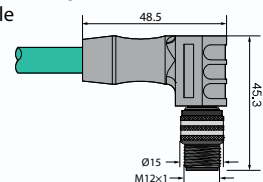
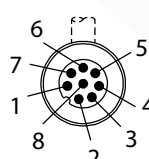
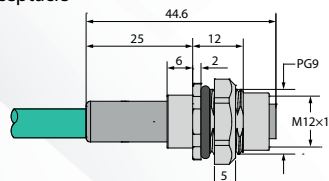
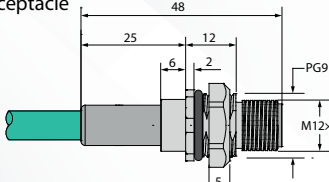
CAT6

CAT7

Cable Type NO.	Authentication	Data parameter		Jacket	Shield	Suffix code/Application	
		Cable parameters	DC resistance per 100 inch	Material、Colour、Outer diameter			
58103503-*M	NECCMR(ETL) CECC(ETL)	2*2*24AWG	28.6 Ohms PE	PVC Teal 5.6mm	Foil/Braid	F41 75°C 300 Volts	Cat.5e fixed application
58107501-*M	TSB-36 ISO/IEC11801	2*2*26AWG	37.3 Ohms PE	TPU Teal 6.1mm	Foil/Braid	F410 50°C 124 Volts	Cat.5e drag chain≥ 5 million
58110311-*M	NECCMR(ETL) CECC(ETL)	4*2*26AWG	28.6 Ohms PE	PUR Teal 6.4mm	Foil/Braid	E41 75°C 300 Volts	Cat.5e fixed application
58125311-*M	TSB-36 ISO/IEC11801	4*2*26AWG	28.6 Ohms PE	TPU Teal 6.9mm	Foil/Braid	E45 50°C 125 Volts	Cat.5e drag chain≥ 5 million
58111311-*M	UL 认证: CMG 1685	4*2*24AWG	57.9Ohms PE	PVC Green 8.0mm	Foil/Braid	E61 75°C 300 Volts	Cat.6 fixed application
58121311-*M	UL 认证: CMG 1685	4*2*24AWG	54.8Ohms PE	PVC Green 8.0mm	Foil/Braid	E65 75°C 300 Volts	Cat.6 drag chain≥ 1 million
58016161-*M	UL/CSA/CE RoHs	4*2*26AWG	54.8Ohms	PUR Green 7.2mm	Foil/Braid	E66 80°C 600 Volts	Cat.6 drag chain≥ 10 million
58006311-*M	UL 认证: AWM 20963	4*2*23AWG	54.8Ohms PE	PVC Green 8.0mm	Foil/Braid	E71 80°C 300 Volts	Cat.7 fixed application
58102312-*M	NECCMR(ETL) CECC(ETL)	4*22AWG	13.8 Ohm	PVC Green 6.5mm	Foil/Braid	F21 60°C 300 Volts	Cat.5e fixed application
58108312-*M	IEC60332-1 DINEN60811-2-1	4*22AWG	16.2 Ohm	TPU Green 6.5mm	Foil/Braid	F23 70°C 600 Volts	Cat.5e drag chain≥ 5 million

8pins Ethernet/IP premoulding connector



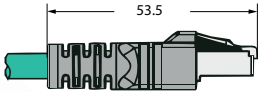
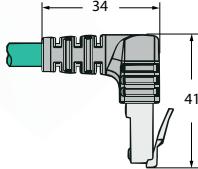
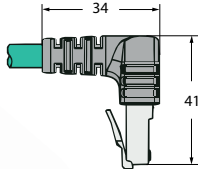
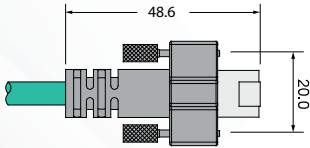
Connector	Type NO.	ID NO.	Pinout
M12 Pre-moulding Straight Female 	EIK 8-2M /E41 EIK 8-5M /E41 EIK 8-10M /E41	1001710 0 1001711 3 1001711 4	Female 
M12 Pre-moulding Straight Male 	EIZ 8-2M /E41 EIZ 8-5M /E41 EIZ 8-10M /E41	1001710 5 1001710 3 1001710 4	
M12 Pre-moulding Right angle Female 	EI LK 8-2M /E41 EI LK 8-5M /E41 EI LK 8-10M /E41	1001711 0 1001711 7 1001711 8	1.WH/BU 2.WH/BN 3.BN 4.OR 5.WH/GN 6.WH/OR 7.BU 8.GN
M12 Pre-moulding Right angle Male 	EI LZ 8-2M /E41 EI LZ 8-5M /E41 EI LZ 8-10M /E41	1001711 5 1001711 9 1001712 1	Male 
M12 Receptacle Female 	FEIK 81-2M /E41 FEIK 81-5M /E41 FEIK 81-10M /E41	1001737 5 1001710 1 1001710 2	
M12 Receptacle Male 	FEIZ 81-2M /E41 FEIZ 81-5M /E41 FEIZ 81-10M /E41	1001738 0 1001712 2 1001712 3	

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

** The naming rule of double-ended connector is male after female , flange after pre-moulding , angles after straight.

8pins Ethernet/IP premoulding connector



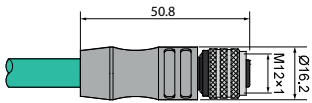
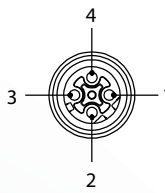
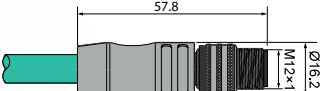
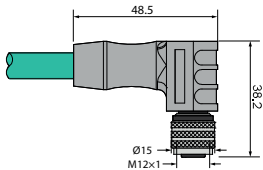
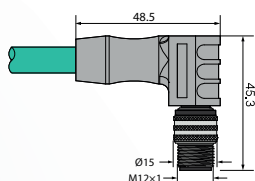
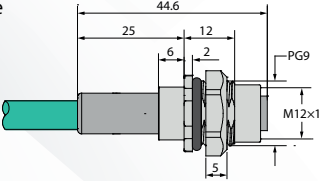
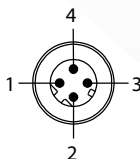
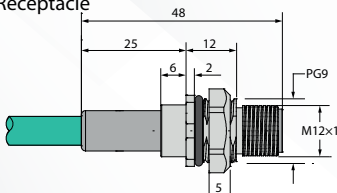
Connector	Type NO.	ID NO.	Pinout
RJ45 straight 	RJ 45S -2M/E41 RJ 45S -5M/E41 RJ 45S -10M/E41	1025000 0 10250416 1025033 3	Standard 1.WH/OR 2.OR 3.WH/GN 4.BU 5.WH/BU 6.GN 7.WH/BN 8.BN Cross 1.WH/GN 2.GN 3.WH/OR 4.BU 5.WH/BU 6.OR 7.WH/BN 8.BN  12345678 *Cross type: RJ45S-*M/E41-CR TRJ45S-*M/E41-CR BRJ45S-*M/E41-CR CRJ45 S-*M/E41-C R
RJ45 right angle Buckle up 	TRJ 45S -2M/E41 TRJ 45S -5M/E41 TRJ 45S -10M/E41	1025001 0 1025506 8 1025506 9	
RJ45 right angle Buckle down 	BRJ 45S -2M/E41 BRJ 45S -5M/E41 BRJ 45S -10M/E41	1025507 0 1025507 1 1025507 2	
RJ45 straight Screw cordset 	CR J45S -2M/E41 CR J45S -5M/E41 CR J45S -10M/E41	1025033 0 1025033 1 1025033 2	

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

** The naming rule of double-ended connector is male after female , flange after pre-moulding , angles after straight.

4pins Ethernet/IP premoulding connector



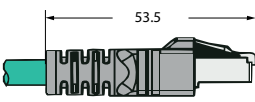
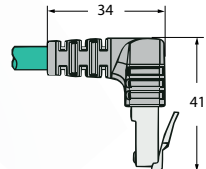
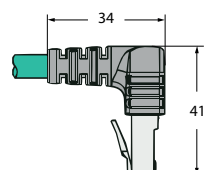
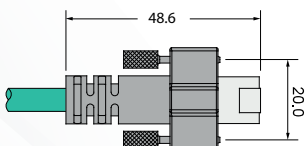
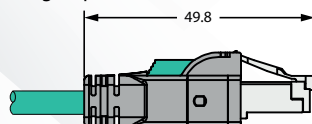
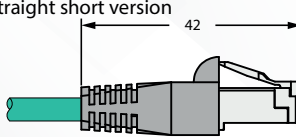
Connector	Type NO.	ID NO.	Pinout
M12 Pre-moulding Straight Female 	EIK 4-2M /F41 EIK 4-5M /F41 EIK 4-10M /F41	1001721 0 1005600 1 1005600 2	Female 
M12 Pre-moulding Straight Male 	EIZ 4-2M /F41 EIZ 4-5M /F41 EIZ 4-10M /F41	1001721 5 1025507 3 1025507 4	
M12 Pre-moulding Right angle Female 	EILK 4-2M /F41 EILK 4-5M /F41 EILK 4-10M /F41	1001722 0 1005601 1 1005601 2	1.WH/OR(+tx) 2.WH/GN(+rx) 3.OR(-tx) 4.GN(-rx)
M12 Pre-moulding Right angle Male 	EILZ 4-2M /F41 EILZ 4-5M /F41 EILZ 4-10M /F41	1001722 5 1025507 5 1001736 8	
M12 Receptacle Female 	FEIK 41-2M /F41 FEIK 41-5M /F41 FEIK 41-10M /F41	1001739 5 1005500 5 1005500 6	Male 
M12 Receptacle Male 	FEIZ 41-2M /F41 FEIZ 41-5M /F41 FEIZ 41-10M /F41	1001740 0 1005500 7 1005500 8	

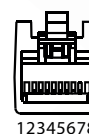
* Standard cable lengths are 2/5/M, Consult factory for other lengths

** The naming rule of double-ended connector is male after female , flange after pre-moulding , angles after straight.

4 4pins Ethernet/IP pre moulding connector



Connector	Type NO.	ID NO.	Pinout
RJ45 straight 	RJ45 S-2M/F41 RJ45 S-5M/F41 RJ45 S-10M/F41	1025004 0 1025004 5 1025031 7	Standard 1.WH/OR 2.OR 3.WH/GN 4.N/C 5.N/C 6.GN 7.N/C 8.N/C Cross 1.WH/GN 2.GN 3.WH/OR 4.N/C 5.N/C 6.OR 7.N/C 8.N/C *Cross type RJ45S-*M/F41-CR TRJ45S-*M/F41-CR BRJ45S-*M/F41-CR CRJ45 S-*M/F41-C R
RJ45 right angle Buckle up 	TRJ45 S-2M/F41 TRJ45 S-5M/F41 TRJ45 S-10M/F41	1025005 0 1025506 0 1025506 1	
RJ45 right angle Buckle down 	BRJ 45S-2M/F41 BRJ 45S-5M/F41 BRJ 45S-10M/F41	1025006 0 1025506 2 1025506 3	
RJ45 straight Screw cordset 	CRJ45 S-2M/F41 CRJ45 S-5M/F41 CRJ45 S-10M/F41	1025032 7 1025032 8 1025032 9	
RJ45 straight quick disconnect 	SRJ 45S-2M/F41 SRJ 45S-5M/F41 SRJ 45S-10M/F41	1025042 7 1025069 1 1025069 2	
RJ45 straight short version 	DR J45S-2M/F41 DR J45S-5M/F41 DR J45S-10M/F41	1025519 7 1025519 8 1025519 9	

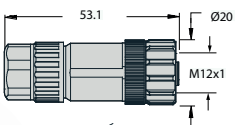
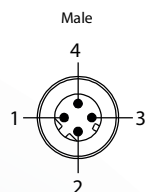
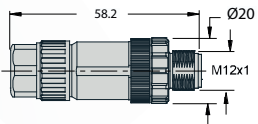
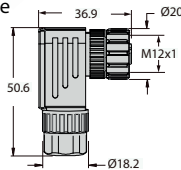
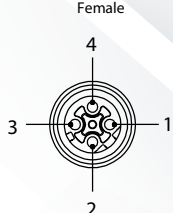
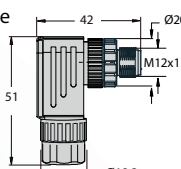
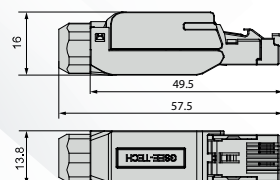
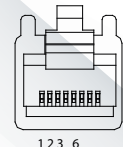
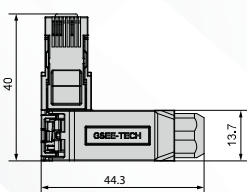


* Standard cable lengths are 2/5/M, Consult factory for other lengths

** The naming rule of double-ended connector is male after female, flange after pre-moulding, angles after straight.

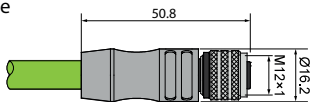
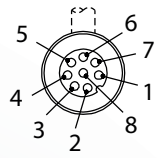
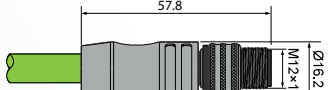
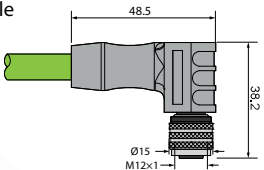
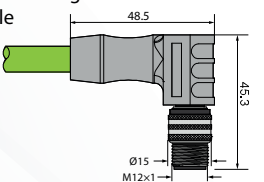
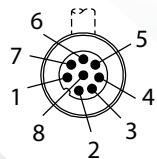
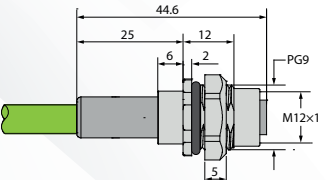
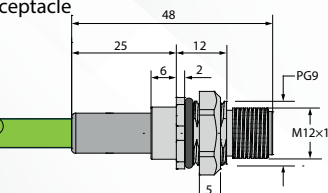
Ethernet/IP field wirable connector



Connector	Type NO.	ID NO.	Features	Pinout
M12 Straight Female 	EK4238-0/9	10091220	4A,250V,-40 ~ +85°C Match with 4-pin D-coded M12 pre-moulding/ receptacle connector	Male 
M12 Straight Male 	EZ4238-0/9	10091230		
M12 Right angle Female 	ELK4238-0/9	10091093		Female 
M12 Right angle Male 	ELZ4238-0/9	10091094		
RJ45 Straight Metal Field wirable 	RJ45/GHM	10258096	AWG27-AWG22 Cable parameters Cable diameter:5.5-9 mm 70°C , 125V, 1.5 A 10/100Mbps	
RJ45 Right angle Metal Field wirable 	RJ45/GLHM	10258264		

8pins Ethernet/IP connector CAT6



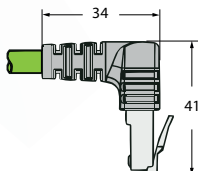
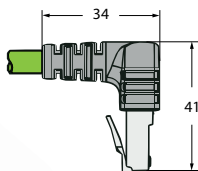
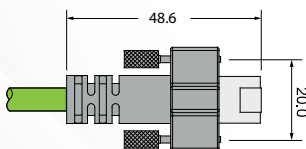
Connector	Type NO.	ID NO.	Pinout
M12 Pre-moulding Straight Female 	EIK 8-2M/E61 EIK 8-5M/E61 EIK 8-10M/E61	1001747 0 1001747 1 1001747 2	Female 
M12 Pre-moulding Straight Male 	EIZ 8-2M/E61 EIZ 8-5M/E61 EIZ 8-10M/E61	1001747 3 1001747 4 1001747 5	
M12 Pre-moulding Right angle Female 	EIK 8-2M/E61 EIK 8-5M/E61 EIK 8-10M/E61	1001747 6 1001747 7 1001747 8	
M12 Pre-moulding Right angle Male 	EIL 8-2M/E61 EIL 8-5M/E61 EIL 8-10M/E61	1001747 9 1001748 0 1001748 1	Male 
M12 Receptacle Female 	FEIK 81-2M/E61 FEIK 81-5M/E61 FEIK 81-10M/E61	1001749 0 1001749 1 1001749 2	
M12 Receptacle Male 	FEIZ 81-2M/E61 FEIZ 81-5M/E61 FEIZ 81-10M/E61	1001749 3 1001749 4 1001749 5	

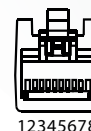
* Standard cable lengths are 2/5/M, Consult factory for other lengths

** The naming rule of double-ended connector is male after female, flange after pre-moulding, angles after straight.

8pins Ethernet/IP connector CAT6



Connector	Type NO.	ID NO.	Pinout
RJ45 straight 	RJ 45S -2M/E61 RJ 45S -5M/E61 RJ 45S -10M/E61	1025540 0 1025540 1 1025540 2	Standard 1.WH/OR 2.OR 3.WH/GN 4.BU 5.WH/BU 6.GN 7.WH/BN 8.BN Cross 1.WH/GN 2.GN 3.WH/OR 4.BU 5.WH/BU 6.OR 7.WH/BN 8.BN *Cross type RJ45S-*M/E41-CR TRJ45S-*M/E41-CR BRJ45S-*M/E41-CR CRJ45 S-*M/E41-C R
RJ45 right angle Buckle up 	TRJ45 S -2M/E61 TRJ45 S -5M/E61 TRJ45 S -10M/E61	1025540 3 1025540 4 1025540 5	
RJ45 right angle Buckle down 	BRJ 45S -2M/E61 BRJ 45S -5M/E61 BRJ 45S -10M/E61	1025540 6 1025540 7 1025540 8	
RJ45 straight Screw cordset 	CR J45S -2M/E61 CR J45S -5M/E61 CR J45S -10M/E61	1025540 9 1025541 0 1025541 1	

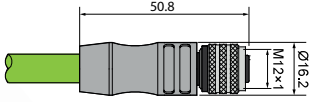
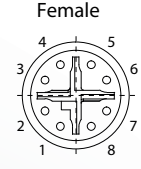
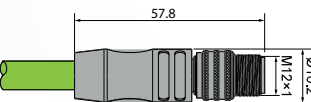
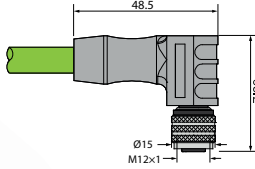
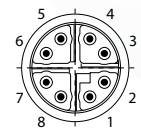
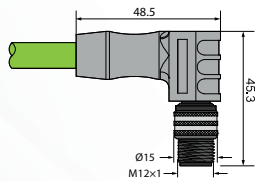
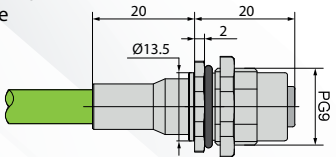


* Standard cable lengths are 2/5/M, Consult factory for other lengths

** The naming rule of double-ended connector is male afte female , flange after pre-moulding , angles after straight.

8pins Ethernet/IP connector CAT6



Connector	Type NO.	ID NO.	Pinout
M12 Pre-moulding Straight Female 	EIXK 8-2M/E61 EIXK 8-5M/E61 EIXK 8-10M/E61	1202047 7 1009329 3 1009329 4	Female 
M12 Pre-moulding Straight Male 	EIXZ 8-2M/E61 EIXZ 8-5M/E61 EIXZ 8-10M/E61	1001749 7 1001749 8 1001749 9	
M12 Pre-moulding Right angle Female 	EIX LK 8-2M/E61 EIX LK 8-5M/E61 EIX LK 8-10M/E61	1009329 5 1009329 6 1009329 7	Male 
M12 Pre-moulding Right angle Male 	EIX LZ 8-2M/E61 EIX LZ 8-5M/E61 EIX LZ 8-10M/E61	1001756 7 1009329 8 1009329 9	
M12 Receptacle Female 	FEIXK 81-2M/E61 FEIXK 81-5M/E61 FEIXK 81-10M/E61	1009330 0 1009330 1 1009330 2	

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

** The naming rule of double-ended connector is male after female , flange after pre-moulding ,angles after straight.



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