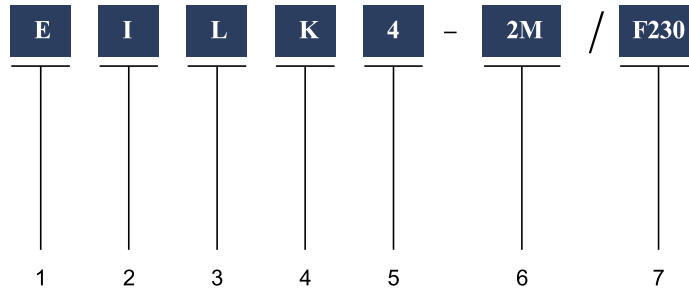
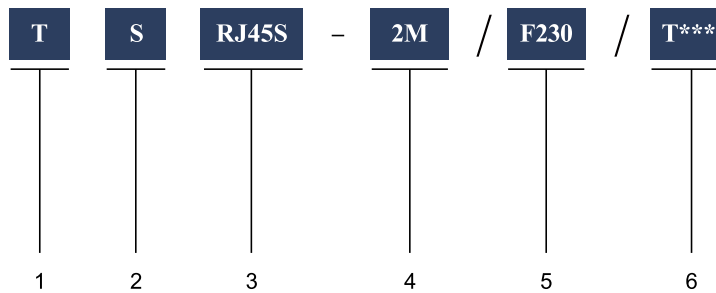


M12x1 Pre-moulding connector



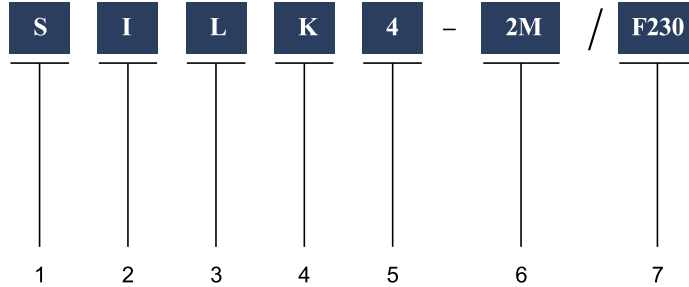
- 1 E M12x1 Connector
- 2 I Ethernet
- 3 L Right angle
Blank Straight
- 4 K Female
Z Male
- 5 Number of pins
Contact distribution
- 6 Length [m]
- 7 Cable Jacket
F230/F211/F231
F21/F23

RJ45 Preset Connector



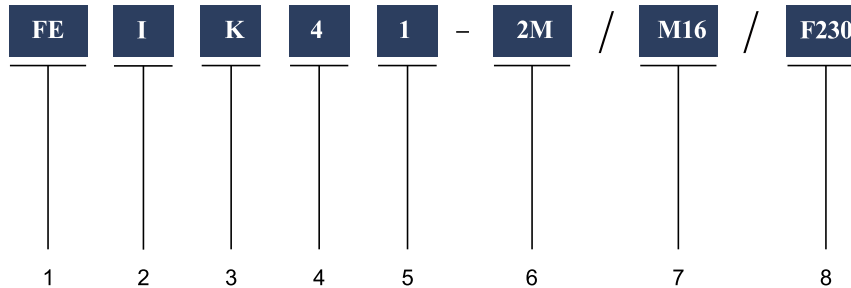
- 1 T Right angle , Buckle up
B Right angle , Buckle down
D Straight , Short version
- 2 Blank RJ45
S QD-type RJ45
- 3 RJ45S Shielding
- 4 Length [m]
- 5 Cable type
F230/F211/F231
F21/F23
- 6 T*** customization

M8 Pre-moulding connector



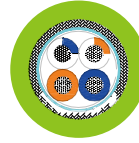
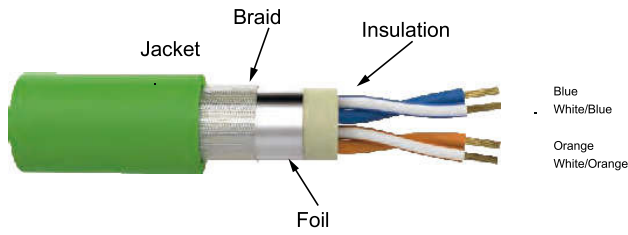
- | | | |
|---|--|--|
| <p>1 S M8x1 Connector</p> | <p>4 K Female
Z Male</p> | <p>6 Length [m]</p> |
| <p>2 I Ethernet</p> | <p>5 Number of pins
Contact distribution</p> | <p>7 Cable Jacket
F230/F211/F231</p> |
| <p>3 L Right angle
Blank Straight</p> | | |

Receptacle

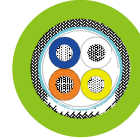
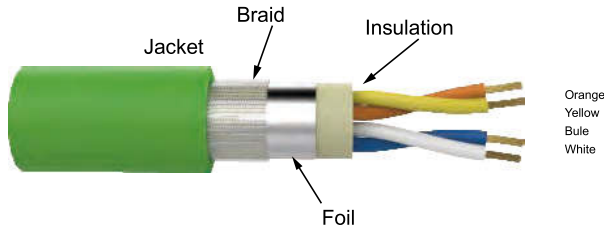


- | | | |
|------------------------------|--|--|
| <p>1 FE M12x1 Receptacle</p> | <p>5 Termination (mounting style)
1 Rear mount
2 Front mount</p> | <p>8 Cable type
F230/F211/F231
F21/F23</p> |
| <p>2 I Ethernet</p> | <p>6 Length [m]</p> | |
| <p>3 K Female
Z Male</p> | <p>7 Thread Type (Connection thread)
M16
Blank PG9</p> | |
| <p>4 Number of pins</p> | | |

Ethernet Cable Type



F230



F211
F231
F21
F23

Cable Type NO.	Authentication	Data parameter		Jacket	Shield	Suffix code	Application
		Cable parameters	DC resistance per 100 inch	Material, Colour, Outer diameter			
58549761-*M	UL/CSA DESINA CE	4*26AWG	42.7 Ohm	PUR Green 4.8mm	Foil/Braid	F230 80°C 30Volts	Cat.5e drag chain≥ 5 million
58553761-*M	UL/CSA DESINA CE	4*24AWG	27.7 Ohm	PVC Green 5.4mm	Foil/Braid	F211 80°C 30Volts	Cat.5e fixed application
58102312-*M	UL/CSA DESINA CE	4*22AWG	13.8 Ohm	PVC Green 6.5mm	Foil/Braid	F21 60°C 300 Volts	Cat.5e fixed application
58108312-*M	UL/CSA DESINA CE	4*22AWG	16.2 Ohm	TPU Green 6.5mm	Foil/Braid	F23 70°C 300 Volts	Cat.5e drag chain≥ 5 million

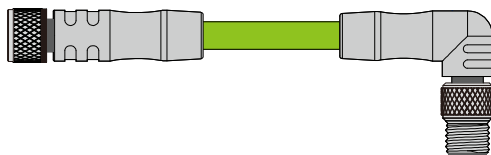
Examples of double-ended



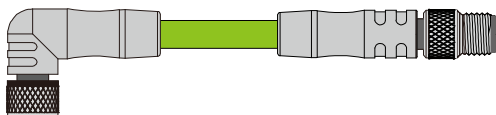
EIK4 SIK4-*M/F230



SIK4 SIZ4-*M/F230



SIK4 SILZ4-*M/F230



SILK4 SIZ4-*M/F230

PROFINET, EtherCAT pre-moulding connector



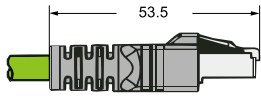

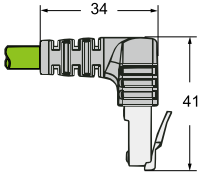
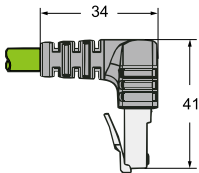
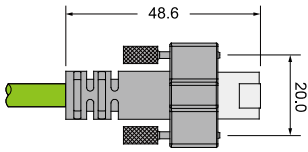
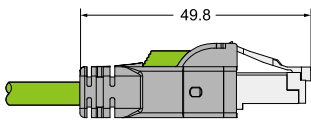
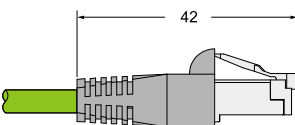
Connector	Type NO.	ID NO.	Pinout
M12 Pre-moulding Straight Female 	EIK4-2M/F21 EIK4-5M/F21 EIK4-10M/F21	10110164 10255064 10255065	Female
M12 Pre-moulding Straight Male 	EIZ4-2M/F21 EIZ4-5M/F21 EIZ4-10M/F21	10015047 10015037 10017218	
M12 Pre-moulding Right angle Female 	EILK4-2M/F21 EILK4-5M/F21 EILK4-10M/F21	10110165 10255066 10255067	1.Yellow(+tx) 2.White(+rx) 3.Orange(-tx) 4.Blue(-rx)
M12 Pre-moulding Right angle Male 	EILZ4-2M/F21 EILZ4-5M/F21 EILZ4-10M/F21	10017367 10017318 10017309	Male
M12 Receptacle Female 	FEIK41-2M/F21 FEIK41-5M/F21 FEIK41-10M/F21	10255076 10255077 10255078	
M12 Receptacle Male 	FEIZ41-2M/F21 FEIZ41-5M/F21 FEIZ41-10M/F21	10255079 10255080 10255081	

* 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.

PROFINET pre-moulding connector



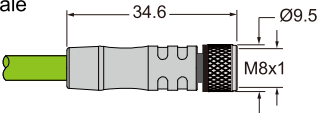

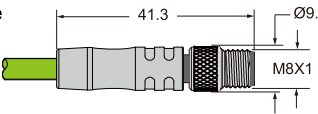
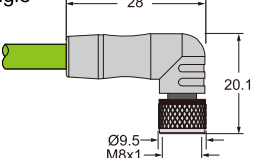

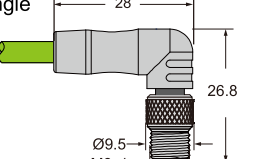
Connector	Type NO.	ID NO.	Pinout
RJ45 straight 	RJ45S-2M/F21 RJ45S-5M/F21 RJ45S-10M/F21	10250003 10250419 10250420	 <p>12345678</p> <ul style="list-style-type: none"> 1.YE 2.OR 3.WH 4.N/C 5.N/C 6.BU 7.N/C 8.N/C
RJ45 right angle Buckle up 	TRJ45S-2M/F21 TRJ45S-5M/F21 TRJ45S-10M/F21	10250081 10255082 10255083	
RJ45 right angle Buckle down 	BRJ45S-2M/F21 BRJ45S-5M/F21 BRJ45S-10M/F21	10255084 10255085 10255086	
RJ45 straight Screw cordset 	CRJ45S-2M/F21 CRJ45S-5M/F21 CRJ45S-10M/F21	10255087 10255088 10255089	
RJ45 straight quick disconnect 	SRJ45S-2M/F21 SRJ45S-5M/F21 SRJ45S-10M/F21	10250292 10250392 10255429	
RJ45 straight short version 	DRJ45S-2M/F21 DRJ45S-5M/F21 DRJ45S-10M/F21	10255430 10255431 10255432	

* 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.

EtherCAT pre-moulding connector



Connector	Type NO.	ID NO.	Pinout
M8 Pre-moulding Straight Female 	SIK4-2M/F230 SIK4-5M/F230 SIK4-10M/F230	10020266 10020267 10020268	Female 
M8 Pre-moulding Straight Male 	SIZ4-2M/F230 SIZ4-5M/F230 SIZ4-10M/F230	10020269 10020270 10020271	1. Orange/White (+tx) 2. Blue/White(+rx) 3. Blue(-rx) 4. Orange(-tx)
M8 Pre-moulding Right angle Female 	SILK4-2M/F230 SILK4-5M/F230 SILK4-10M/F230	10020272 10020273 10020274	Male 
M8 Pre-moulding Right angle Male 	SILZ4-2M/F230 SILZ4-5M/F230 SILZ4-10M/F230	10020275 10020276 10020277	

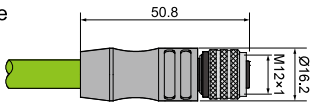
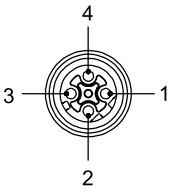
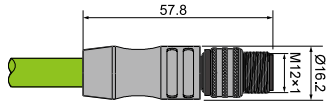
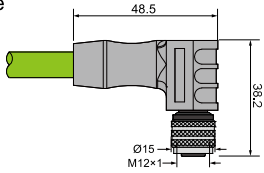
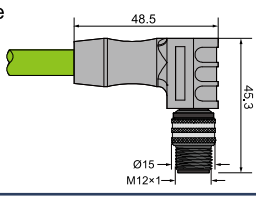
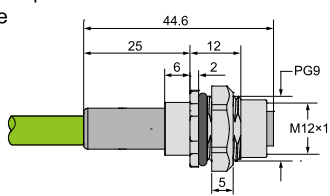
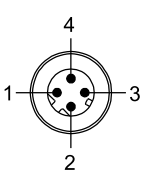
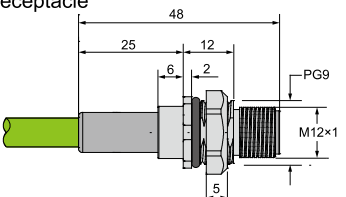
* Standard cable lengths are 2/5/M, Consult factory for other lengths

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

*** M8 cable jacket: F230/F231/F211.

EtherCAT pre-moulding connector



Connector	Type NO.	ID NO.	ID NO.
M8 Pre-moulding Straight Female 	EIK4-2M/F230 EIK4-5M/F230 EIK4-10M/F230	10016265 10016266 10016267	Female 
M8 Pre-moulding Straight Male 	EIZ4-2M/F230 EIZ4-5M/F230 EIZ4-10M/F230	10016268 10016269 10016270	
M8 Pre-moulding Right angle Female 	EILK4-2M/F230 EILK4-5M/F230 EILK4-10M/F230	10016271 10016272 10016273	1. Orange/White (+tx) 2. Blue/White (+rx) 3. Orange (-tx) 4. Blue (-rx)
M8 Pre-moulding Right angle Male 	EILZ4-2M/F230 EILZ4-5M/F230 EILZ4-10M/F230	10016274 10016275 10016276	
M12 Receptacle Female 	FEIK41-2M/F230 FEIK41-5M/F230 FEIK41-10M/F230	10041057 10041058 10041059	Male 
M12 Receptacle Male 	FEIZ41-2M/F230 FEIZ41-5M/F230 FEIZ41-10M/F230	10041060 10041037 10041038	

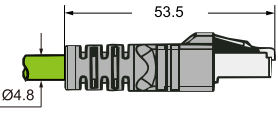
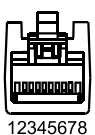
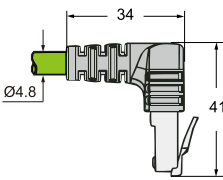
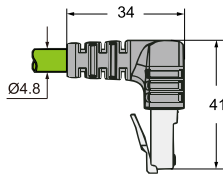
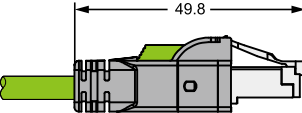
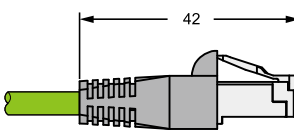
* Standard cable lengths are 2/5/M, Consult factory for other lengths

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

*** M8 cable jacket: F230/F231/F211.

PROFINET pre-moulding connector



Connector	Type NO.	ID NO.	Pinout
RJ45 straight 	RJ45S-2M/F230 RJ45S-5M/F230 RJ45S-10M/F230	10250374 10250375 10250376	 12345678 1.OR/WH 2.OR 3.BU/WH 4.N/C 5.N/C 6.BU 7.N/C 8.N/C
RJ45 right angle Buckle up 	TRJ45S-2M/F230 TRJ45S-5M/F230 TRJ45S-10M/F230	10250377 10250378 10250379	
RJ45 right angle Buckle down 	BRJ45S-2M/F230 BRJ45S-5M/F230 BRJ45S-10M/F230	10250380 10250381 10250382	
RJ45 straight quick disconnect 	SRJ45S-2M/F230 SRJ45S-5M/F230 SRJ45S-10M/F230	10093303 10093304 10093305	
RJ45 straight short version 	DRJ45S-2M/F230 DRJ45S-5M/F230 DRJ45S-10M/F230	10093306 10093307 10093308	

* 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.

EtherCAT pre-moulding connector



Connector	Type NO.	ID NO.	Pinout
<p>M8 Pre-moulding Straight Female</p>	<p>SIK4-2M/F211 SIK4-5M/F211 SIK4-10M/F211</p>	<p>10020254 10020255 10020256</p>	<p>Female</p>
<p>M8 Pre-moulding Straight Male</p>	<p>SIZ4-2M/F211 SIZ4-5M/F211 SIZ4-10M/F211</p>	<p>10020257 10020258 10020259</p>	<p>1.Yellow(+tx) 2.White(+rx) 3.Blue(-rx) 4.Orange(-tx)</p>
<p>M8 Pre-moulding Right angle Female</p>	<p>SILK4-2M/F211 SILK4-5M/F211 SILK4-10M/F211</p>	<p>10020260 10020261 10020262</p>	<p>Male</p>
<p>M8 Pre-moulding Right angle Male</p>	<p>SILZ4-2M/F211 SILZ4-5M/F211 SILZ4-10M/F211</p>	<p>10020263 10020264 10020265</p>	

* 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.

*** M8 cable jacket:F230/F231/F211.

EtherCAT pre-moulding connector





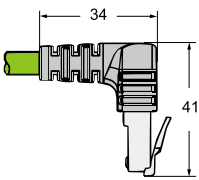
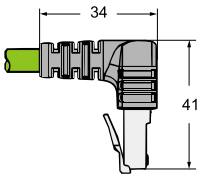
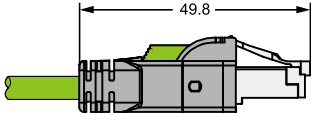
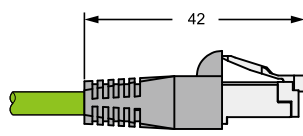
Connector	Type NO.	ID NO.	Pinout
M12 Pre-moulding Straight Female 	EIK4-2M/F211 EIK4-5M/F211 EIK4-10M/F211	10016277 10016278 10016279	Female
M12 Pre-moulding Straight Male 	EIZ4-2M/F211 EIZ4-5M/F211 EIZ4-10M/F211	10016280 10016281 10016282	
M12 Pre-moulding Right angle Female 	EILK4-2M/F211 EILK4-5M/F211 EILK4-10M/F211	10016283 10016284 10016285	1.Yellow(+tx) 2.White(+rx) 3.Orange(-tx) 4.Blue(-rx)
M12 Pre-moulding Right angle Male 	EILZ4-2M/F211 EILZ4-5M/F211 EILZ4-10M/F211	10016286 10016287 10016288	
M12 Receptacle Female 	FEIK41-2M/F211 FEIK41-5M/F211 FEIK41-10M/F211	10041045 10041046 10041047	Male
M12 Receptacle Male 	FEIZ41-2M/F211 FEIZ41-5M/F211 FEIZ41-10M/F211	10041048 10041049 10041050	

* 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.

EtherCAT pre-moulding connector



Connector	Type NO.	ID NO.	Pinout
RJ45 straight 	RJ45S-2M/F211 RJ45S-5M/F211 RJ45S-10M/F211	10250383 10250384 10250385	 <p>12345678</p> <ul style="list-style-type: none"> 1.YE 2.OR 3.WH 4.N/C 5.N/C 6.BU 7.N/C 8.N/C
RJ45 right angle Buckle up 	TRJ45S-2M/F211 TRJ45S-5M/F211 TRJ45S-10M/F211	10250386 10250387 10250388	
RJ45 right angle Buckle down 	BRJ45S-2M/F211 BRJ45S-5M/F211 BRJ45S-10M/F211	10250389 10250390 10250391	
RJ45 straight quick disconnect 	SRJ45S-2M/F211 SRJ45S-5M/F211 SRJ45S-10M/F211	10093309 10093310 10093311	
RJ45 straight short version 	DRJ45S-2M/F211 DRJ45S-5M/F211 DRJ45S-10M/F211	10093312 10093313 10093314	

* 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.