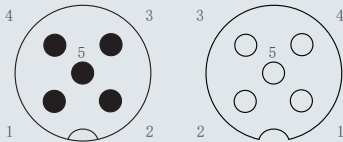


DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable

Y-type M12 Distributor



Technical Parameters

Electrical Parameters		
Rated Voltage	[V]	60V
Rated Current	[A]	4A
Contact resistance		≤ 5mΩ
Material data		
Pin material		CuSn
Pin surface material		Ni/Au
Core material		TPU GF
Flame retardant grade, in compliance with UL94		HB
Mechanical parameters		
Core number		5
Pollution level		3
Protection grade		IP65/IP67
Outer diameter of the cable		6.70mm
Cross-section of the signal line		0.2mm²
Conductor structure signal line		19×0.12mm
Cross-section of power cable		0.32mm²
Wire structure, voltage power supply		19×0.15mm
Temperature parameter		
Needle type/hole type	[°C]	-25 ... 90
Cable, fixed installation	[°C]	-40 ... 80
Cable, movable installation	[°C]	-20 ... 75

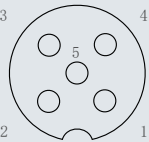
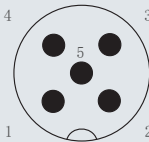
Order Data

	Model	Order Number
Y-type bus cable, 5 cores, shielded, purple halogen-free PUR, unshielded Y-type M12 straight head Convert the hole type to M12 straight head hole type and M12 straight head pin type		
-Cable length (0.3m)	FY-5P-FS/2X 0.3-8BR-MS-FS	4343010003
-Cable length (0.5m)	FY-5P-FS/2X 0.5-8BR-MS-FS	4343010005
-Cable length (1.0m)	FY-5P-FS/2X 1.0-8BR-MS-FS	4343010010
-Cable length (2.0m)	FY-5P-FS/2X 2.0-8BR-MS-FS	4343010020
-Cable length (5.0m)	FY-5P-FS/2X 5.0-8BR-MS-FS	4343010050
-Cable length (10.0m)	FY-5P-FS/2X10.0-8BR-MS-FS	4343010100
-Cable length (15.0m)	FY-5P-FS/2X 15.0-8BR-MS-FS	4343010150

DATA CONNECTORS AND CABLES

Fieldbus Component - Prefabricated Cable

Y-type M12 Distributor



Technical Parameters

Electrical Parameters			
Rated Voltage	[V]	60V	60V
Rated Current	[A]	4A	4A
Contact resistance		≤ 5mΩ	≤ 5mΩ
Material data			
Pin material		CuSn	CuSn
Pin surface material		Ni/Au	Ni/Au
Core material		-	-
Flame retardant grade, in compliance with UL94		HB	HB
Mechanical parameters			
Core number		5	5
Pollution level		3	3
Protection grade		IP65/IP67	IP65/IP67
Outer diameter of the cable		6.70mm	6.70mm
Cross-section of the signal line		0.2mm²	0.2mm²
Conductor structure signal line		19×0.12mm	19×0.12mm
Cross-section of power cable		0.32mm²	0.32mm²
Wire structure, voltage power supply		19×0.15mm	19×0.15mm
Temperature parameter			
Needle type/hole type	[°C]	-25 ... 90	-25 ... 90
Cable, fixed installation	[°C]	-40 ... 80	-40 ... 80
Cable, movable installation	[°C]	-20 ... 75	-20 ... 75

Order Data

	Model	Order Number	Model	Order Number
Y-type bus cable, 5 cores, shielded, purple halogen-free PUR, unshielded Y-type M12 straight head One end of the needle-type rotor has free wire discharge				
-Cable length (2.0m)	FY-5P-MS/2X 2.0-8BR	4343020020		
-Cable length (5.0m)	FY-5P-MS/2X 5.0-8BR	4343020050		
-Cable length (10.0m)	FY-5P-MS/2X 10.0-8BR	4343020100		
-Cable length (15.0m)	FY-5P-MS/2X 15.0-8BR	4343020150		
Y-type bus cable, 5 cores, shielded, purple halogen-free PUR, unshielded Y-type M12 straight head One end of the hole-type rotor has free wire outlet				
-Cable length (2.0m)			FY-5P-FS/2X 2.0-8BR	4343030020
-Cable length (5.0m)			FY-5P-FS/2X 5.0-8BR	4343030050
-Cable length (10.0m)			FY-5P-FS/2X 10.0-8BR	4343030100
-Cable length (15.0m)			FY-5P-FS/2X 15.0-8BR	4343030150

DATA CONNECTORS AND CABLES

Fieldbus Component

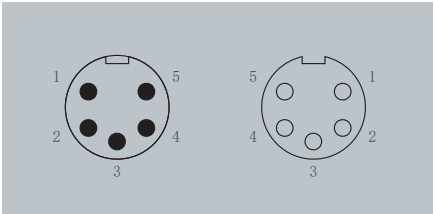
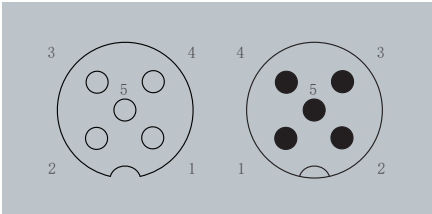
H-type And T-type Distributors



H-type Distributor



T-type Distributor



Technical Parameters

	FH-5P-MS/2XFS	FT-5P-12MS/2X 78M-78F...
Electrical Parameters		
Rated Voltage	60 V	60 V
Insulation Resistance	≥100 MΩ	≥100 MΩ
Surge Voltage Category/pollution Level	II/3	II/3
Material data		
Pin material	CuZn	Au
Pin surface material	Ni/Au	Ni/Au
Core material	TPU GF	PA/TPE-U
Material Of The Fixture Body	TPU,It Has High Flame Retardancy And Self-extinguishing Properties	TPU
Enclosure Protection Grade	IP65/IP67	IP65/IP67
Temperature Parameter		
Ambient Temperature (Operating)	[°C] -25 ... 90	-40 ... 75

Order Data

	Model	Order Number	Model	Order Number
H-type distributor for bus system, for DeviceNet™, with two mounting holes M12 pin type to 3-hole M12 type	FH-5P-MS/2XFS	4343040000		
T-type distributor for bus system, for DeviceNet™, with stainless steel coils and Two installation holes				
M12 hole type to 7/8 "pin type and 7/8" hole type			FT-5P-12MS/2X 78M-78F DN	4343050000
7/8 "hole type to 7/8" pin type and 7/8 "hole type			FT-5P-78MS/2X 78M-78F DN	4343060000
T-type bus system distributor for CANopen®and DeviceNet™				
M12 hole type to M12 hole type and M12 pin type				
green			FT-5P-12MS/2X MS-FS VP	4343070000
Black, with two installation holes			FT-5P-12MS/2X MS-FS BK	4343080000
T-type distributor for bus system, used for CC-Link				
M12 hole type to M12 hole type and M12 pin type			FT-4P-12MS/2X MS-FS CL	4323090000
The T-type distributor of the bus system is used for POUNDATION				
Fieldbus and PROFIBUS PA(M12), with stainless steel threaded rings				
M12 hole type to M12 hole type and M12 pin type			FT-4P-12MS/2X MS-FS VA	4329100000
7/8 "hole type to 7/8" connector and 7/8 "hole type, with two mounting holes			FT-4P-78MS/2X 78M-FS VA	4329110000
T-type distributor for the bus system, used for PROFIBUS				
M12 hole type to M12 hole type and M12 pin type, with two mounting holes			FT-12MS/2X MS-FS DP	4321120000

DATA CONNECTORS AND CABLES

Fieldbus Component

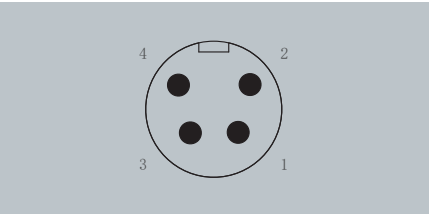
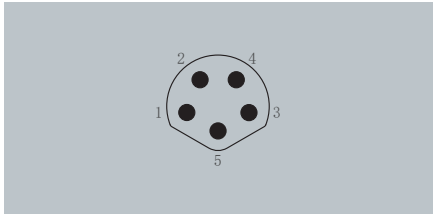
Terminal Resistance



M8/M12 Terminal Resistor



7/8 "Terminal Resistor



Technical Parameters

	FZ-5P-M8MS ...	FZ-4P-78MS ...
Electrical Parameters		
Rated Voltage	60 V	50 V
Insulation Resistance	≥100 MΩ	≥100 MΩ
Surge Voltage Category/pollution Level	II/3	II/2
Material data		
Pin material	CuZn	CuZn
Pin surface material	Ni/Au	Au
Core material	TPU GF	PA 66
Material Of The Fixture Body	TPU,It Has High Flame Retardancy And Self-extinguishing Properties	TPU
Enclosure Protection Grade	IP65/IP67/IP69K	IP67
Temperature Parameter		
Ambient Temperature (Operating)	[°C] -25 ... 90	-40 ... 80

Order Data

	Model	Order Number	Model	Order Number
Terminal resistor, M8 pin type				
-DeviceNet™	FZ-5P-M8MS DN	4322130000		
Terminal resistor, M12 pin type				
-PROFIBUS	FZ-5P-M12MS PB	4321140000		
-DeviceNet™/CANopen®	FZ-5P-M12MS CA	4341150000		
-CC-Link	FZ-4P-M12MS CL	4322160000		
Terminal resistor, M12 pin type, high-grade steel coil				
-FOUNDATION Fieldbus	FZ-4P-M12MS FF	4323170000		
Terminal resistance, 7/8 "pin type, high-grade steel coil				
-FOUNDATION Fieldbus			FZ-4P-78MS FF	4323180000
Terminal resistor, 7/8 "pin type				
-DeviceNet™			FZ-5P-78MS DN	4342190000

DATA CONNECTORS AND CABLES

Fieldbus Component

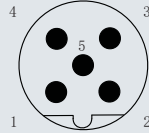
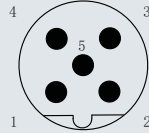
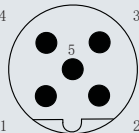
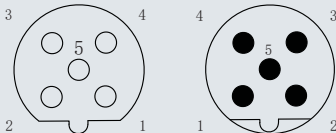
T-type Connector



T-type Connector



T-type Connector



Technical Parameters

	PROFIBUS	PROFIBUS DP
Electrical Parameters		
Rated Voltage	36 V/DC、30 V/DC	36 V/DC、30 V/DC
Insulation Resistance	≥1 GΩ	≥1 GΩ
Surge Voltage Category/pollution Level	II	II
Material data		
Pin material	CuSn	CuSn
Pin surface material	Ni/Au	Ni/Au
Contact Piece Carrier Material	PUR	PUR
Material of the fixture body	PUR	PUR
Screw ring material	IP65/IP67	IP65/IP67
Sealing material	Nickel-plated copper	Nickel-plated copper
Protection grade	Viton Fluororubber	Viton Fluororubber
Prevent incorrect encoding insertion	B Coding	B Coding
Digit number	4	4
Temperature parameter	-25 ... 80	-25 ... 80

Order Data

	Model	Order Number	Model	Order Number
T plug of the bus system, 5 cores, PROFIBUS, 90° rotating encoding M12 pin plug to M12 hole connector, shielded	FT-5P-90/MS/FS	4343059000		
Bus system T-type connector, PROFIBUS DP (12 Mbps), 4-core, shielded				
Plug straight end M12, B code, on plug straight end M12, B code and Hole type straight head M12, B code			FT-4P-MS/MSFS	4343058000

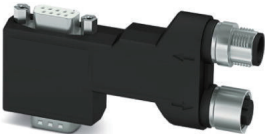
DATA CONNECTORS AND CABLES

Fieldbus Component

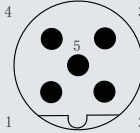
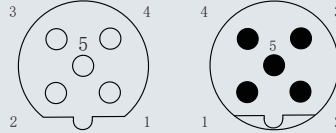
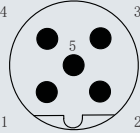
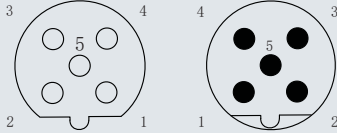
D-SUB Plugs And Sockets



D-SUB Plug



D-SUB Socket



Technical Parameters

	PROFIBUS DP	PROFIBUS DP
Connect	D-SUB Connect	D-SUB Connect
Digit number	9	9
Connection method	D-SUB Connector	D-SUB Connector
Terminal resistance	Through the M12 terminal resistor alone	Through the M12 terminal resistor alone
Connect	M12 male connector	Programming connection
Digit number	5	9
Connection method	M12 plug connector, B code	D-SUB Socket
Torque	0.4 Nm	0.4 Nm
Connect	M12 Hole type	M12 male connector
Digit number	5	5
Connection method	M12 plug connector, B code	M12 plug connector, B code
Shell material	Nylon	Nylon
Pin distribution	3, 5, 6, 8	3, 5, 6, 8
Fastening screw	4-40 UNC	4-40 UNC
Ambient temperature (operating)	-30 °C ... 80 °C	-30 °C ... 80 °C
Ambient temperature (assembly)	-20 °C ... 80 °C	-20 °C ... 80 °C

Order Data

	Model	Order Number	Model	Order Number
D-SUB Plug				
Both M12 cable seals (B code) are below 180° (axial). Bus system: The maximum rate of PROFIBUS DP is 12 Mbps.				
The terminal resistor is connected through a separate M12 external terminal.	DS-PLUS-DP180/AX	2342081110		
D-SUB Plug				
Both M12 cable seals (B code) are below 90°. Bus system: The maximum rate of PROFIBUS DP is 12 Mbps.				
The terminal resistor is connected through a separate M12 terminator. Long model Compatible with S7.			DS-PLUS-DP90/AX/S7	2342081112