

Y distributor - SAC-8PY-MY/M-FD SH - 1410630

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Y distributor, Ethernet hybrid CAT5 (100 Mbps), 8-position, shielded, Plug straight M12 SPEEDCON, Y-coded, on Socket straight M12 SPEEDCON, D-coded and Plug straight M12 SPEEDCON, A-coded, Power with Ethernet (PWE)

Why buy this product

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Reliable signal transmission - 360° shielding in environments with electromagnetic interference
- ✓ Save time, thanks to installation with SPEEDCON fast locking system



Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	48.000 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Center distance	21 mm
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	4 A (Power)
	0.5 A (Data)
Rated voltage	30 V AC/DC (Power and data)
Number of positions	8
Insulation resistance	≥ 100 MΩ

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Technical data

General

Coding	Y - hybrid
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Ethernet hybrid CAT5 (IEC 11801), 100 Mbps
Status display	No
Overvoltage category	III
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/Au
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Additional material specifications	PP (Contact carrier, Y-coded, data)
	PA 6.6 (Contact carrier, Y-coded, power)
	TPE-U (Contact carrier, A-coded)
	TPE-U (Contact carrier, D-coded)

Cable

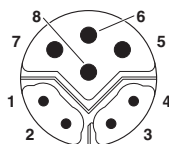
Standards/specifications	M12 connector IEC 61076-2-101
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Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

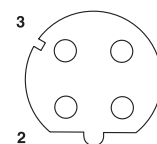
Drawings

Schematic diagram



M12 hybrid plug pin assignment, 8-pos., Y-coded, pin side view

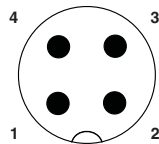
Schematic diagram



Pin assignment M12 socket, 4-pos., D-coded, female side

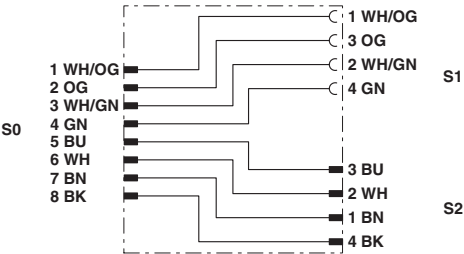
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Schematic diagram



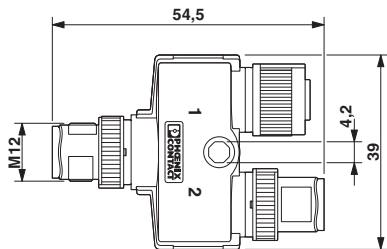
Pin assignment M12 male connector, 4-pos., A-coded, male side

Circuit diagram



Contact assignment of the M12 Y distributor

Dimensional drawing



M12 Y distributor

Classifications

eCl@ss

eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 8.0	27440104
eCl@ss 9.0	27440106

ETIM

ETIM 5.0	EC002062
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Accessories

Accessories

Protective cap

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Accessories

Screw plug - PROT-M12 SH - 1503302



An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors

Sealing cap - PROT-M12 FS-M - 1430488



M12 metal sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Screw plug - PROT-MS SCO - 1553129



M12 screw plug with SPEEDCON quick locking for unoccupied M12 sockets of the sensor/actuator cables, boxes and flush-type connectors

Sealing cap - PROT-M12 FS - 1560251



M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Screw plug - PROT-M12 MS-PA-CHAIN - 1430899



M12 sealing cap with fixing band, for sensor cables, for free M12 sockets

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Accessories

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873

M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 sockets



Screwdriver tools

Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and M12 connectors for assembly, with a knurl diameter of 15 mm, for 4 mm hexagonal drive

Torque tool

Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors