

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, coding: Y, on Socket straight M12, coding: D and Plug straight M12, coding: A, Power with Ethernet (PWE), Thread M12 plug A-coded and M12 socket not rotatable

Your advantages

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Reliable signal transmission - 360° shielding in environments with electromagnetic interference



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 924719
GTIN	4046356924719

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 (Power and data)
	30 V DC (Power and data)
Number of positions	8
Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	Y - hybrid

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Technical data

General

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)

Standards and Regulations

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

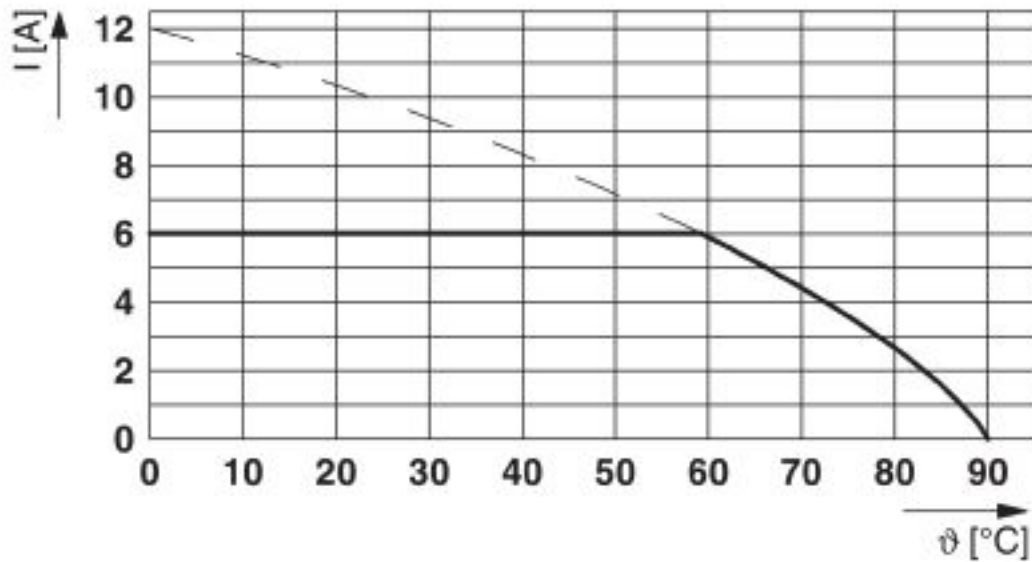
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Drawings

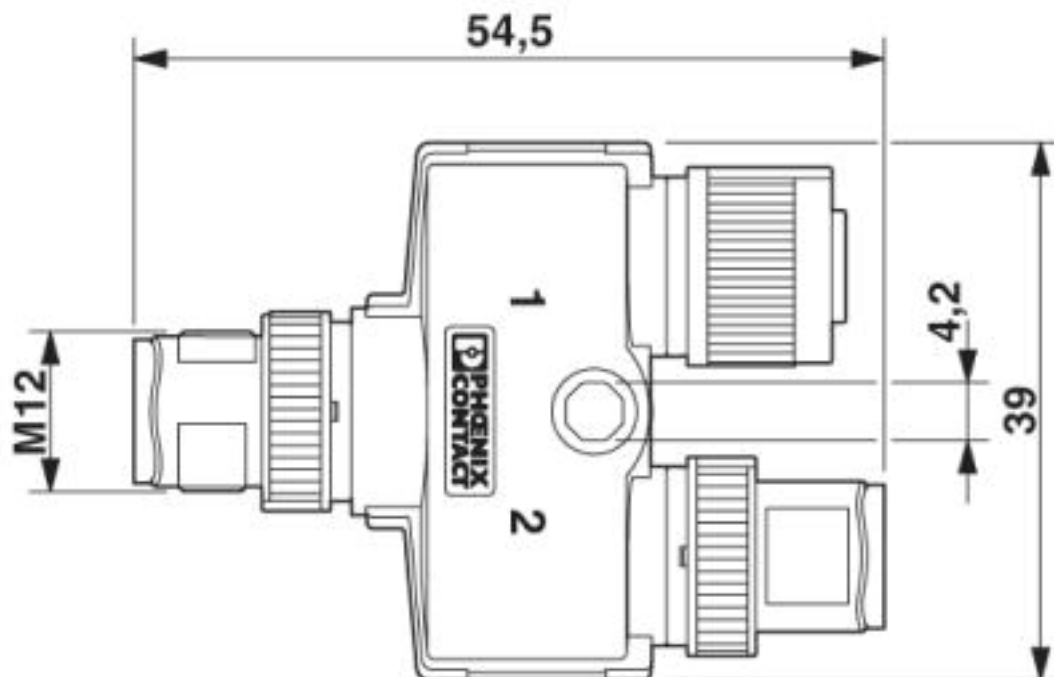
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Diagram



Derating diagram

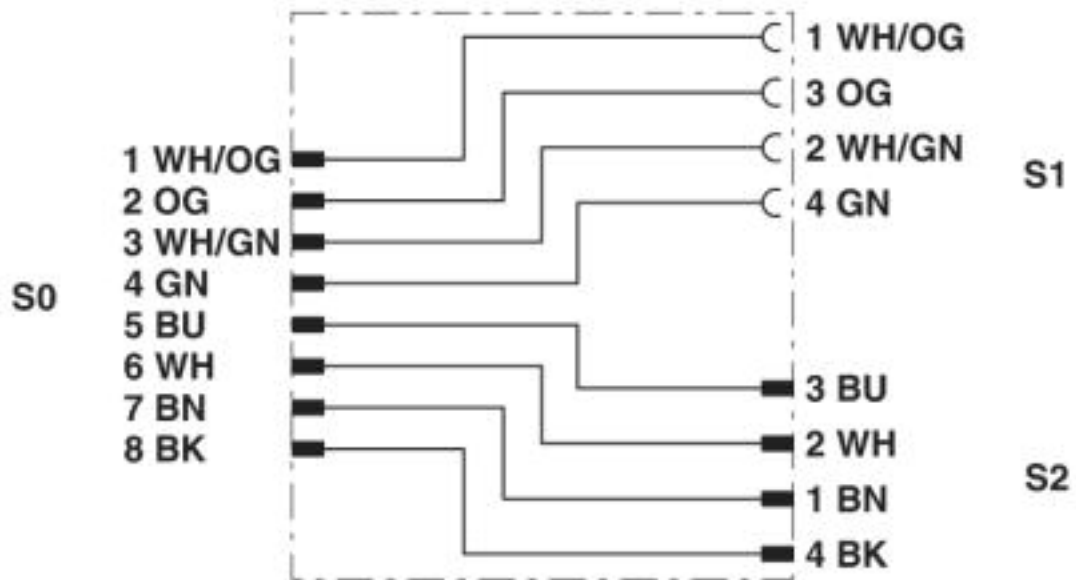
Dimensional drawing



M12 Y distributor

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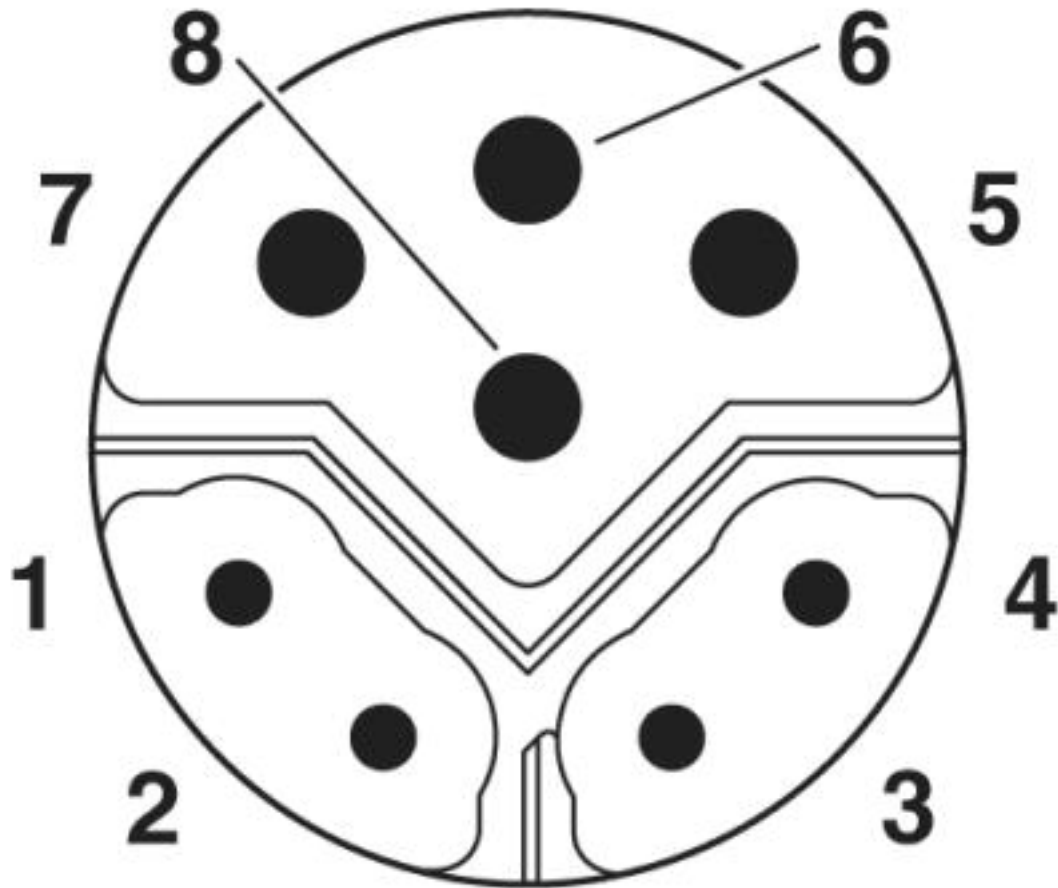
Circuit diagram



Contact assignment of the M12 Y distributor

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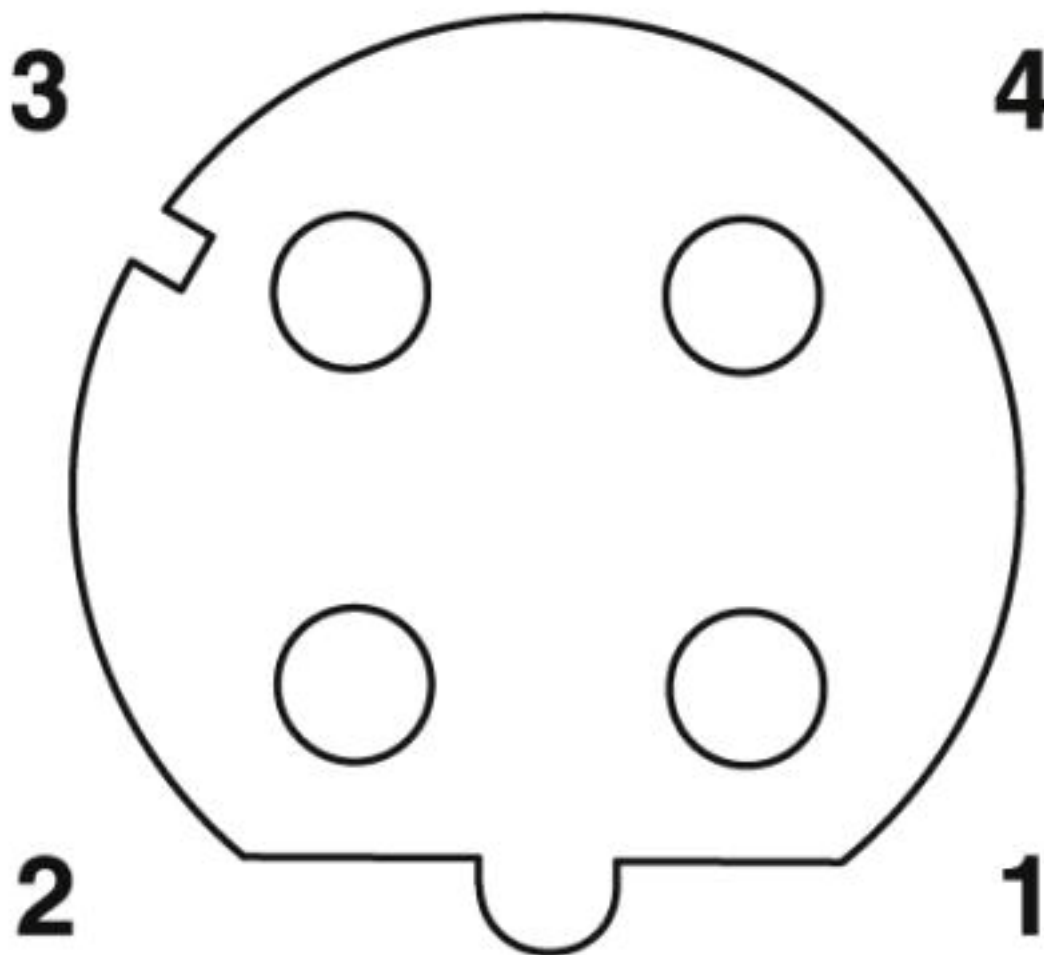
Schematic diagram



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

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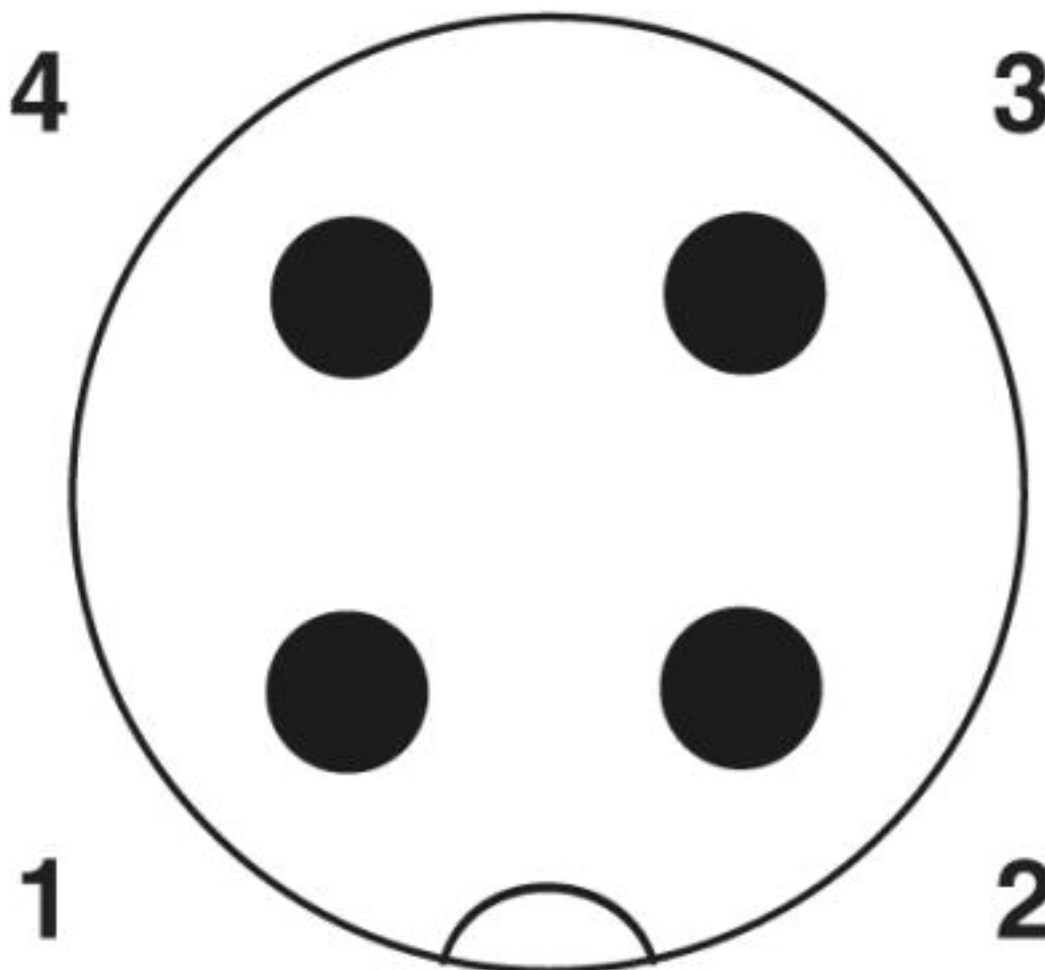
Schematic diagram



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

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Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

Classifications

eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440106

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Classifications

ETIM

ETIM 5.0	EC002062
ETIM 6.0	EC002925
ETIM 7.0	EC002925

UNSPSC

UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.BL08.B.00511
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Accessories

Accessories

Plug for cable screw gland

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

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Accessories

Screw plug - PROT-M12 - 1680539



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

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



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

Protective cap

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

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

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



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

Screwdriver tools

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Accessories

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

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