

## Y distributor - SAC-8PY-M/2XF BK 1-PSR - 1054338

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Y distributor for PSR-CT series RFID transponder switches, M12 male/female, 5- and 8-pos., for safe series connection of up to 30 devices

### Product Description


Type 1 Y distributor for series connection of PSR-CT safety circuits.

### Your advantages

- Easy implementation of safe series connection for up to 30 devices
- Easy installation with M12 connection
- Eliminates wiring errors
- Enables consistent field installation of the sensor circuit up to protection class IP67 or IP69K



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 694955
GTIN	4055626694955

### Technical data

#### Dimensions

Center distance	21 mm
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#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Degree of protection	IP65
	IP67

#### General

Rated current at 40°C	2 A
Rated voltage	30 V AC
	30 V DC

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## Technical data

### General

Number of positions	8
Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
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
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

### Standards and Regulations

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

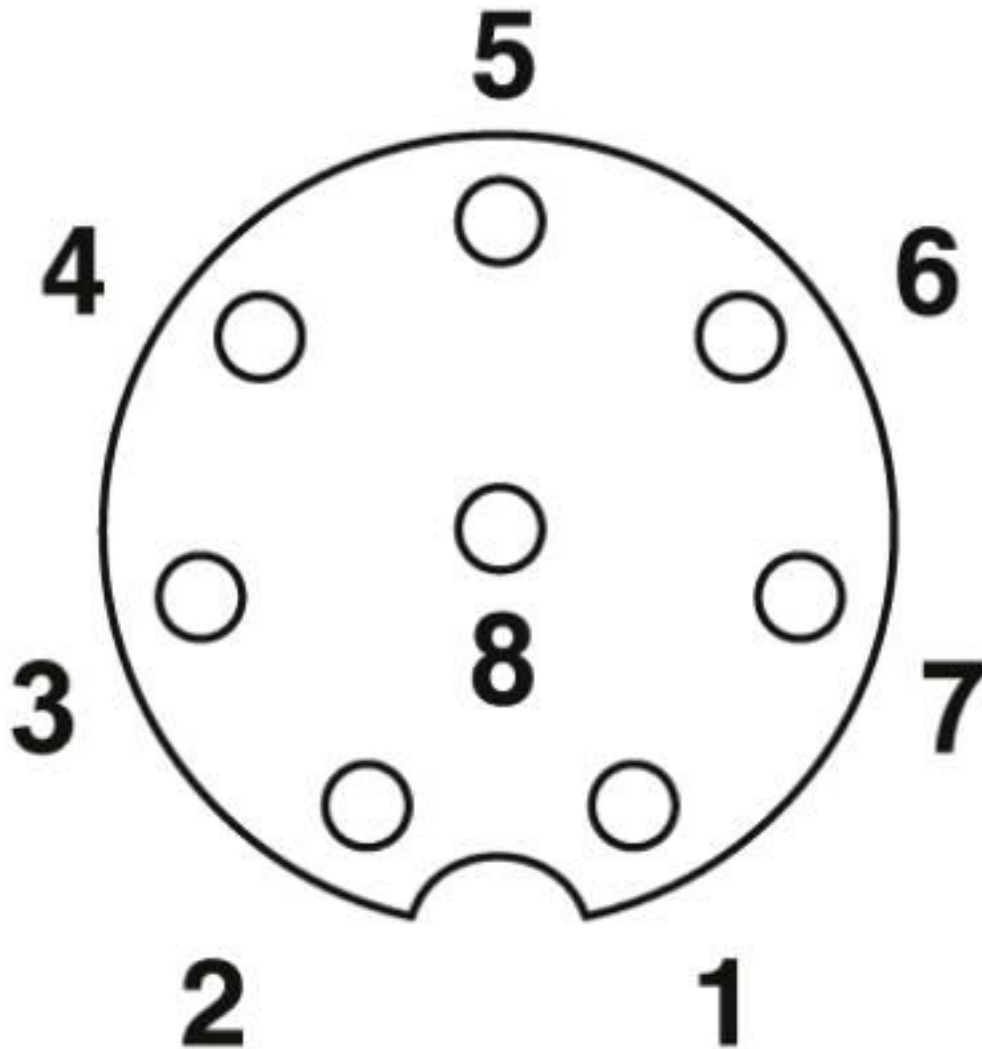
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

# Y distributor - SAC-8PY-M/2XF BK 1-PSR - 1054338

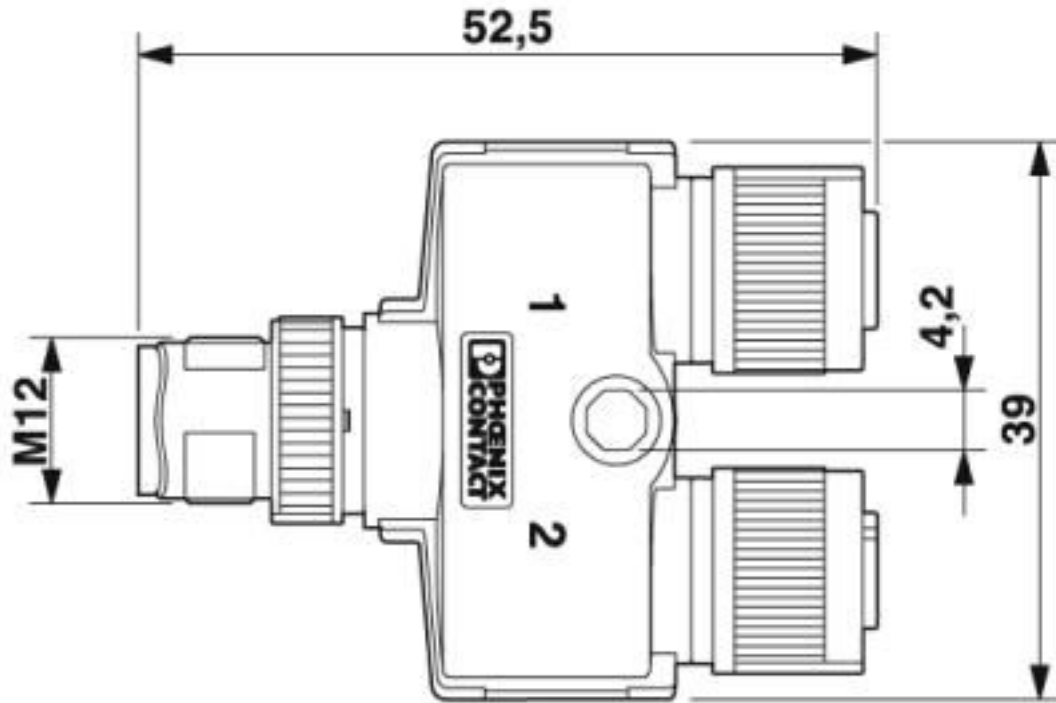
Schematic diagram



Pin assignment M12 socket, 8-pos., A-coded, view female side

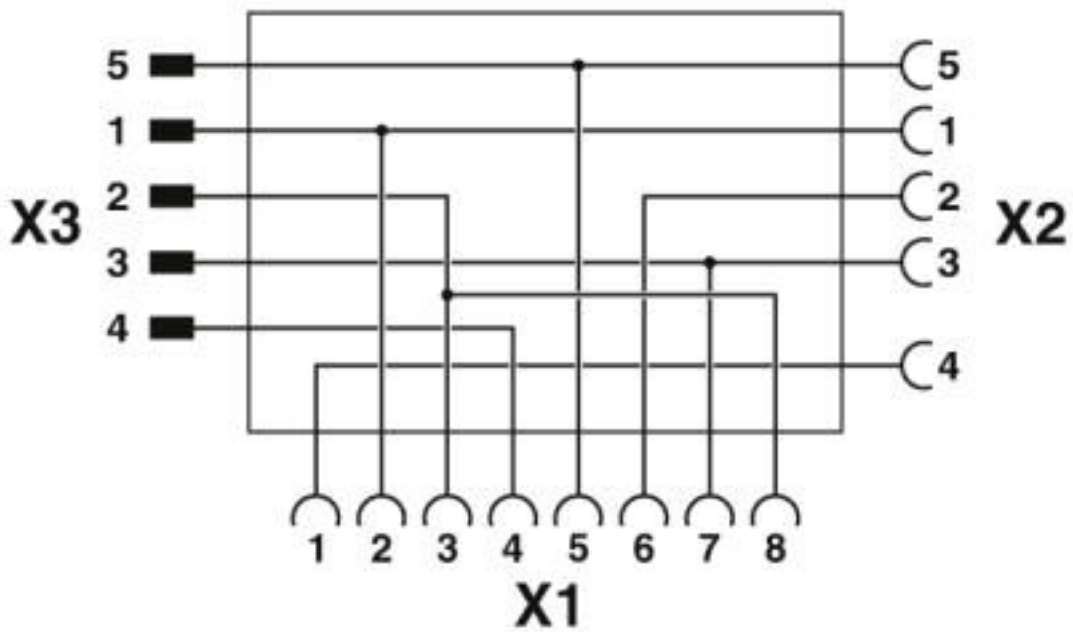
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Dimensional drawing



M12 Y distributor

Circuit diagram



Contact assignment of the M12 Y distributor

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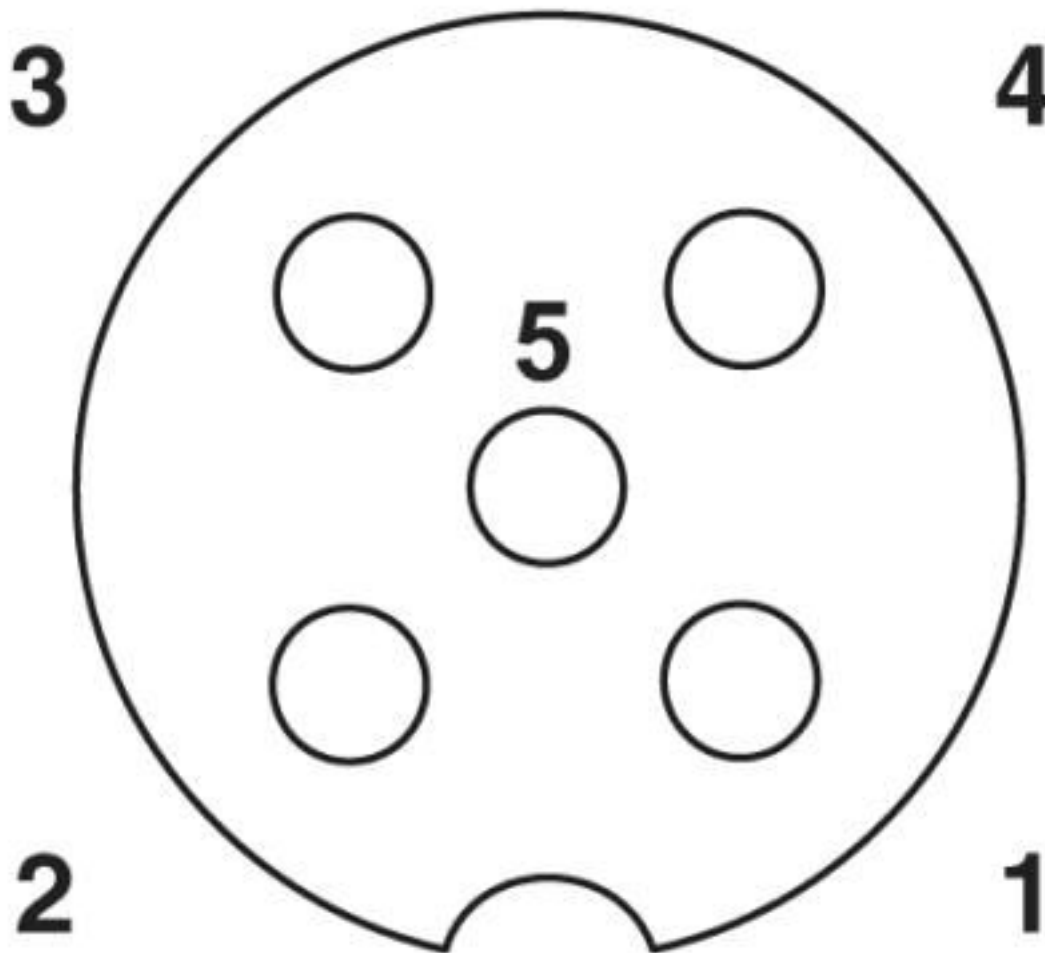
Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

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Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

## Classifications

eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 4.0	27279000
eCl@ss 4.1	27279000
eCl@ss 5.0	27279200
eCl@ss 5.1	27279200
eCl@ss 6.0	27279200
eCl@ss 7.0	27279201
eCl@ss 9.0	27440106

ETIM

ETIM 5.0	EC002062
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## Classifications

### ETIM

ETIM 6.0	EC002925
ETIM 7.0	EC002925

## Accessories

### Accessories

#### Plug for cable screw gland

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-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

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### 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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