

## Y distributor - SAC-8PY-M/2XF VP - 1454972


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Y distributor, 8-position, Plug straight M12 SPEEDCON, coding: A, on Socket straight M12 SPEEDCON, coding: A and Socket straight M12 SPEEDCON, coding: A, Parallel distributor



### Key Commercial Data

Packing unit	5 pc
GTIN	 4 046356 577205
GTIN	4046356577205

### 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
Number of positions	8
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

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### Technical data

#### General

Torque	0.4 Nm (M12 connector)
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#### 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

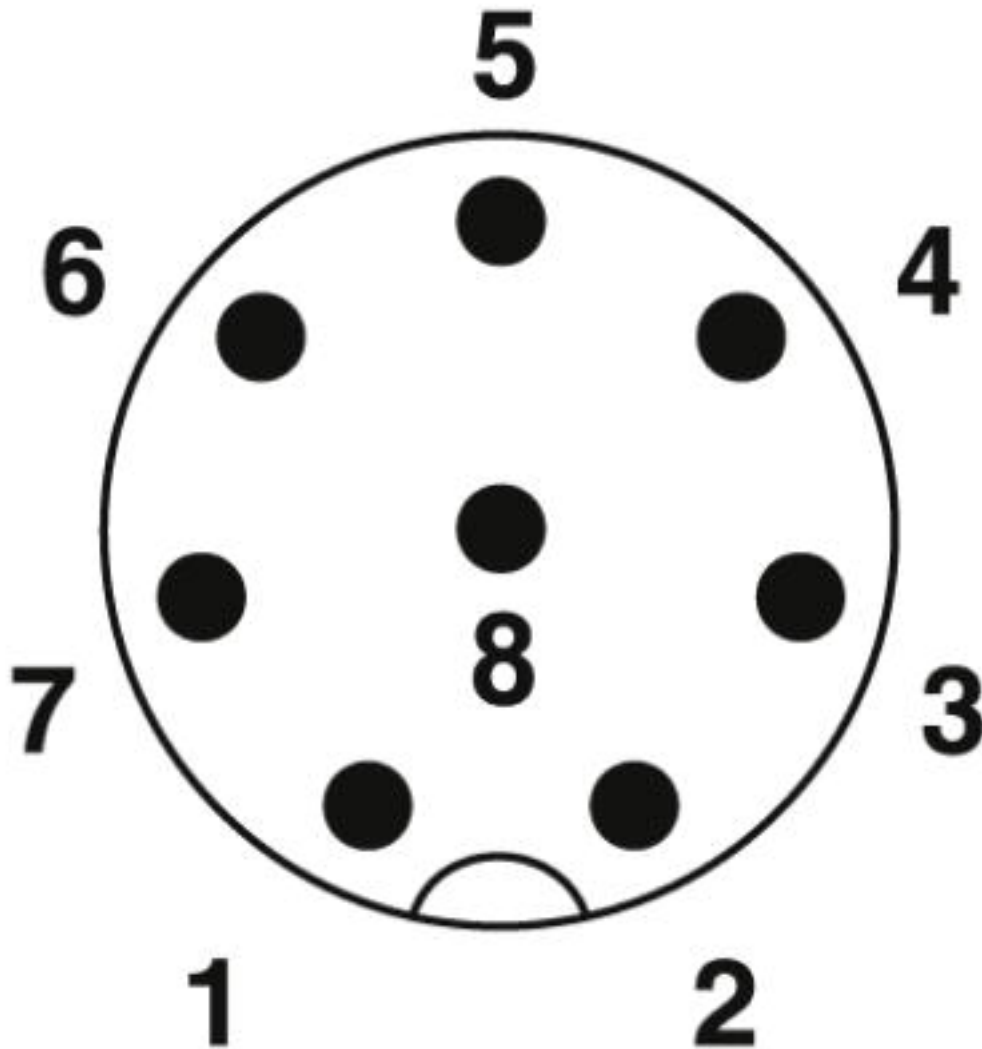
#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### Drawings

# Y distributor - SAC-8PY-M/2XF VP - 1454972

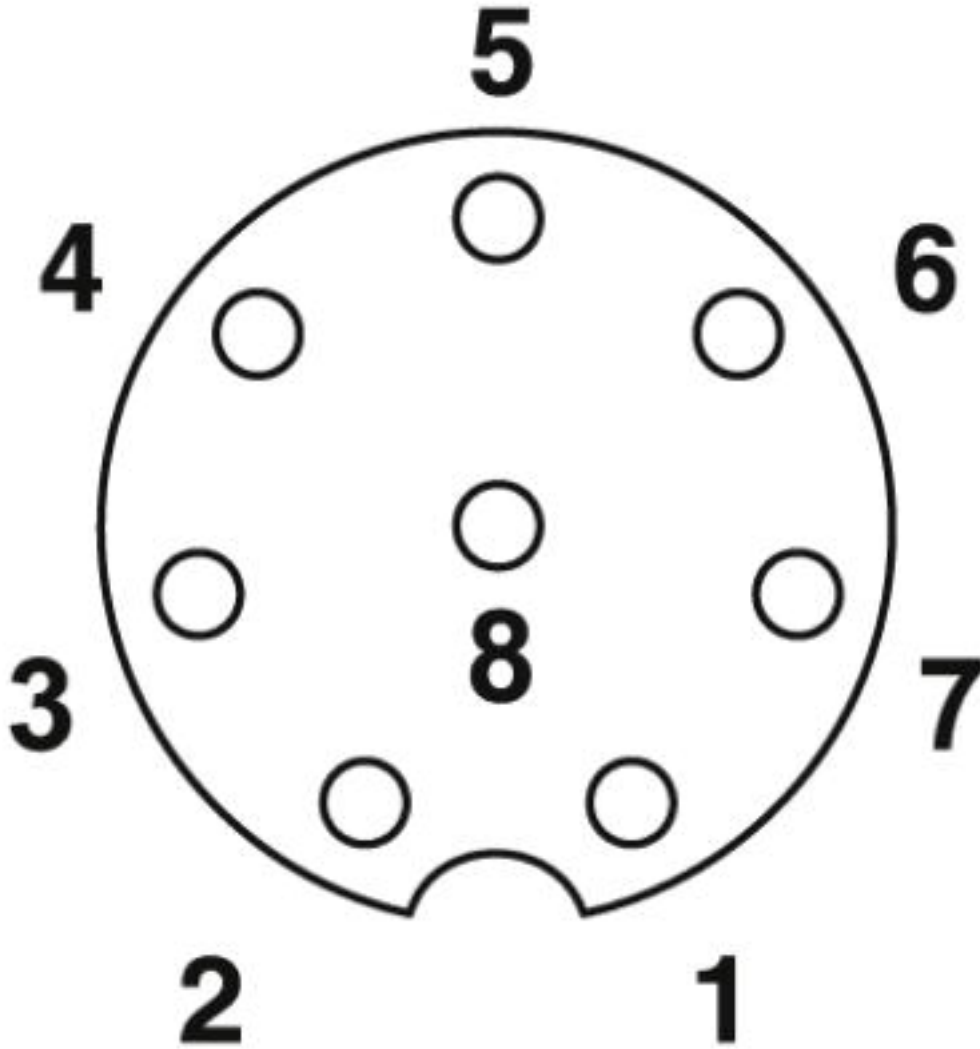
Schematic diagram



Pin assignment of M12 plug, 8-pos., A-coded, view of plug side

# Y distributor - SAC-8PY-M/2XF VP - 1454972

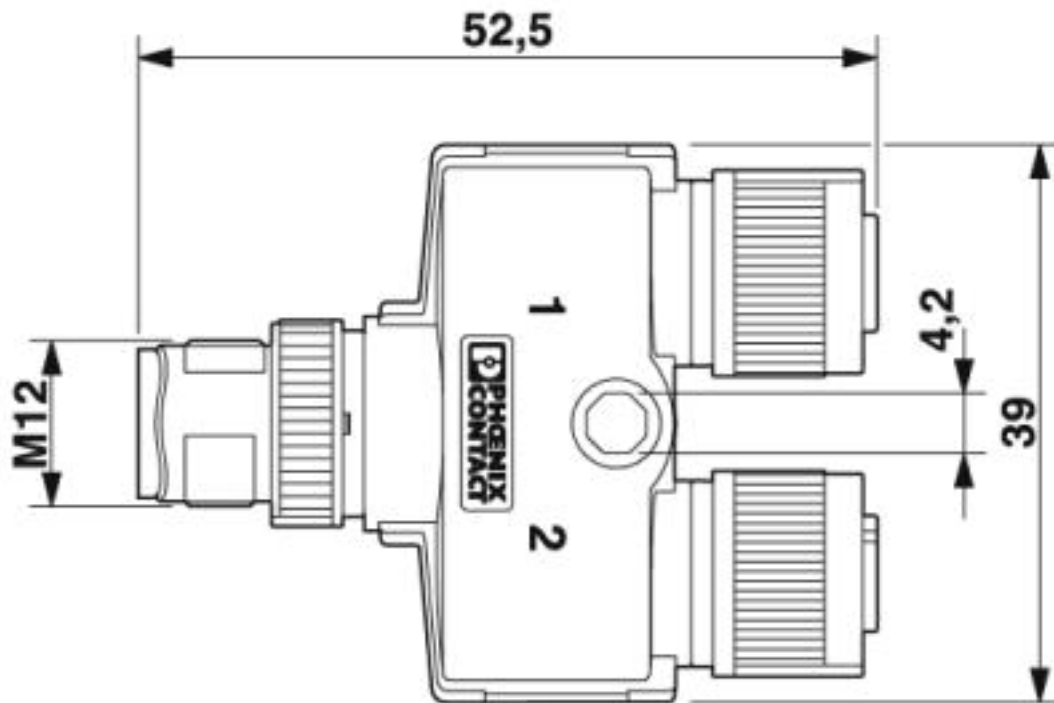
Schematic diagram



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

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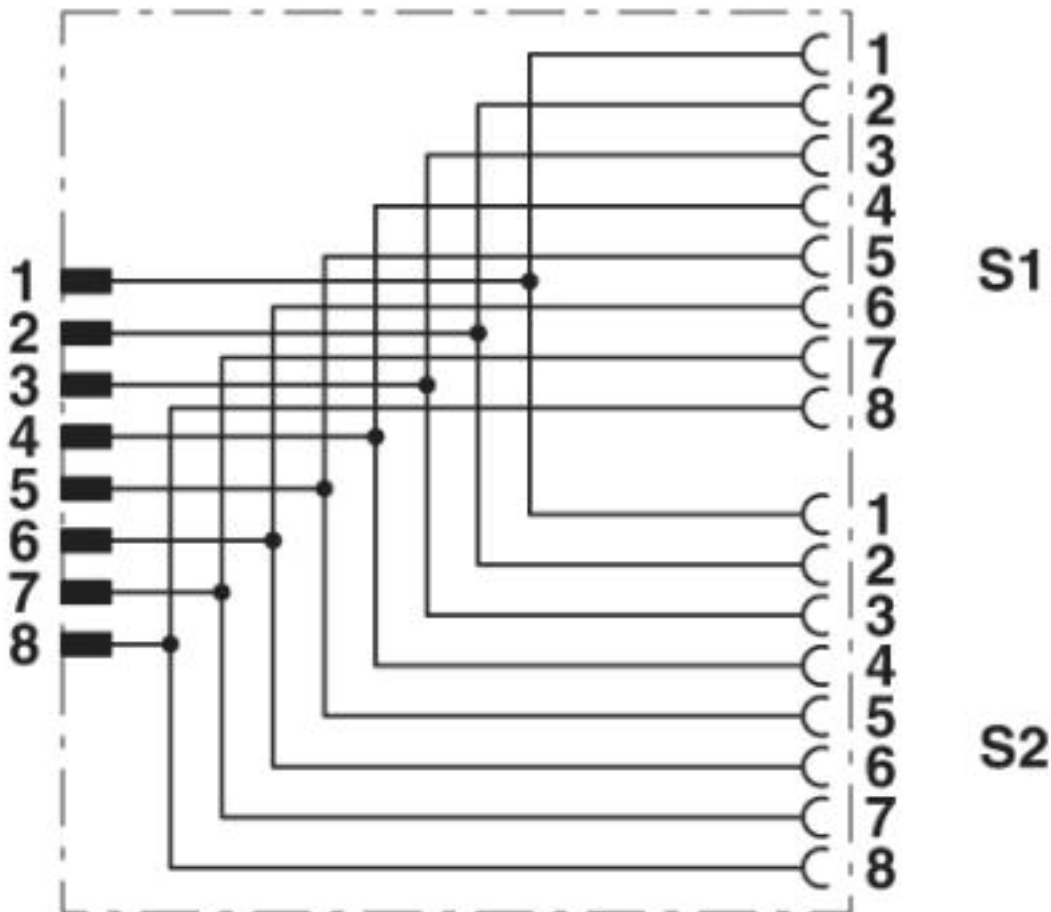
Dimensional drawing



M12 Y distributor

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Circuit diagram



Contact assignment of the M12 Y distributor

## 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

ETIM

ETIM 4.0	EC001855
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## Classifications

### ETIM

ETIM 5.0	EC002062
ETIM 6.0	EC002925
ETIM 7.0	EC002925

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

## Approvals

### Approvals

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Approvals

EAC / EAC

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Ex Approvals

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### Approval details

EAC		RU C- DE.AI30.B.01102
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EAC		RU C- DE.BL08.B.00511
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## Accessories

### Accessories

Plug for cable screw gland

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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

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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 - 1560251



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

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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

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



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### Accessories

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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