

## T distributor - SAC-5PT-F/F-M VP - 1424712

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T distributor, CANopen®, DeviceNet™, 5-position, unshielded, Socket straight M12, coding: A, on Socket straight M12, coding: A and Plug straight M12, coding: A, Parallel distributor

### Your advantages

- ✓ Safe use in the field, thanks to a high degree of protection



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 376752
GTIN	4055626376752

### Technical data

#### Dimensions

Height	18 mm
Length	66.5 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP65

#### General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Number of positions	5
Color handle area	black
Coding	A-coded
Standards/regulations	M12 connector according to IEC 61076-2-101

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## Technical data

### General

Signal type/category	CANopen®
	DeviceNet™
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)
	0.6 Nm (Housing fixing)

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn (pin) / CuSn (socket)
Contact surface material	Ni/Au
Material of grip body	PBT
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR
Additional material specifications	PBT (Female connector contact carrier)
	PA (Pin contact carrier)

### Standards and Regulations

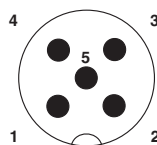
Standards/specifications	M12 connector according to IEC 61076-2-101
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### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

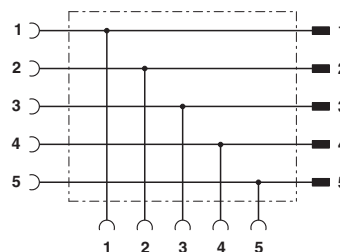
## Drawings

Schematic diagram



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

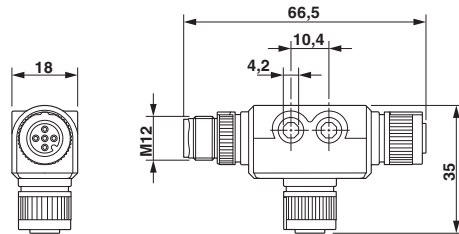
Circuit diagram



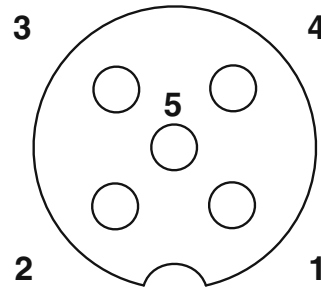
Contact assignment of the M12 plug and the M12 socket

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Dimensional drawing



Schematic diagram



M12 T distributor

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

## Classifications

### eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 11.0	27440106
eCl@ss 5.1	27061801
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 9.0	27440106

### ETIM

ETIM 6.0	EC002925
ETIM 7.0	EC002925

### UNSPSC

UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

## Approvals

### Approvals

Approvals

EAC / EAC

Ex Approvals

### Approval details

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## Approvals

EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00511
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## 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 - 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



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### Accessories

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#### 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

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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