

# SAC-5P-M12FS CAN TR - Termination resistor



1529344

<https://www.phoenixcontact.com/us/products/1529344>

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Terminating resistor CANopen®/DeviceNet™ M12



## Commercial data

Item number	1529344
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF10
Product key	AF1GVX
GTIN	4017918989538
Weight per piece (including packing)	12.74 g
Weight per piece (excluding packing)	9.28 g
Customs tariff number	85332100
Country of origin	DE

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## Technical data

### Product properties

Product type	Terminal resistor
Number of positions	5
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Electrical properties

Nominal voltage $U_N$	48 V AC
	60 V DC
	5 V <sub>rms</sub>
Nominal current $I_N$	4 A
	45 mA ( $I_{eff}$ )

### General

Termination resistor	120 $\Omega$ $\pm$ 1 %
Power consumption	$\leq$ 0.25 W

### Signaling

Status display	no
Status display present	no

### Material specifications

Flammability rating according to UL 94	HB
Seal material	NBR
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material for screw connection	Zinc die-cast, nickel-plated

### Connector

#### Connection 1

Type	Socket straight M12
Number of positions	5
Coding type	A

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	$\geq$ 100
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## Environmental and real-life conditions

### Ambient conditions

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

## Approvals

### National Marine Electronics Association

Certificate	approved
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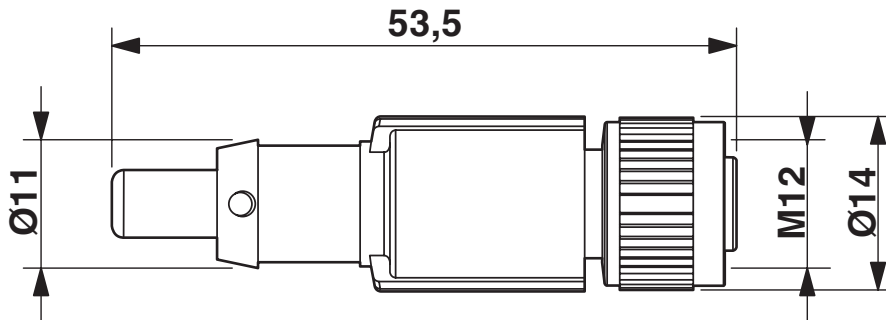
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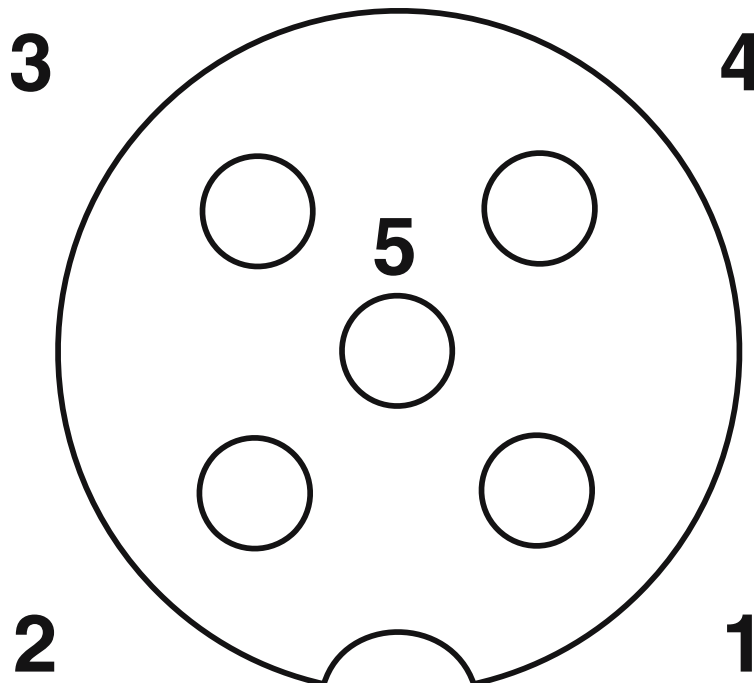
## Drawings

Dimensional drawing



M12 x 1 socket, straight

Schematic diagram



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

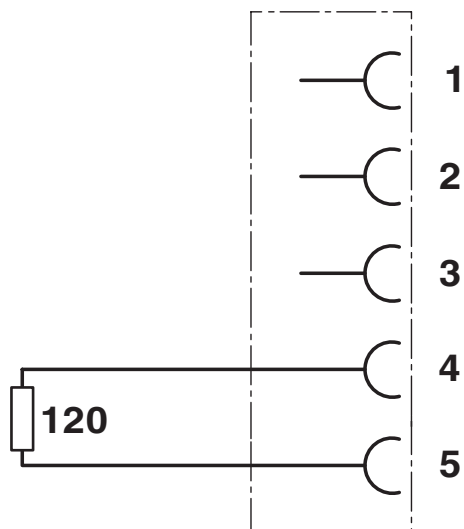
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Circuit diagram



Internal wiring of connections

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## Classifications

### ECLASS

ECLASS-13.0	19070403
ECLASS-15.0	19070403

### ETIM

ETIM 10.0	EC000448
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### UNSPSC

UNSPSC 21.0	32121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.431 kg CO2e
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