

# SAC-5P-M12MS CAN TR - Termination resistor



1507816

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Terminating resistor CANopen®/DeviceNet™ M12



## Commercial data

Item number	1507816
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	AF1GVX
GTIN	4017918900410
Weight per piece (including packing)	11.31 g
Weight per piece (excluding packing)	8.09 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
Nominal current $I_N$	4 A 45 mA ( $I_{eff}$ )

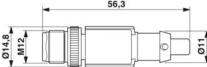
### General

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

### Signaling

Status display	no
Status display present	no

### Dimensions

Dimensional drawing	
Width	15 mm
Height	14.8 mm
Length	56.3 mm

### 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

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## Connection 1

Type	Plug straight M12
Number of positions	5
Coding type	A

## Connection 2

Type	free cable end
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## 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) (male connector/female connector)	-25 °C ... 90 °C (Plug)

## Approvals

### National Marine Electronics Association

Certificate	approved
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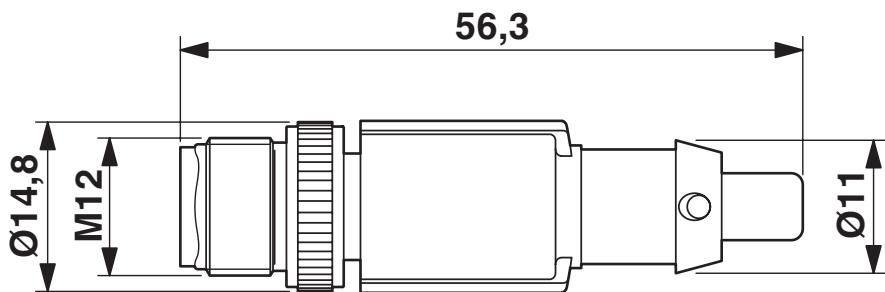
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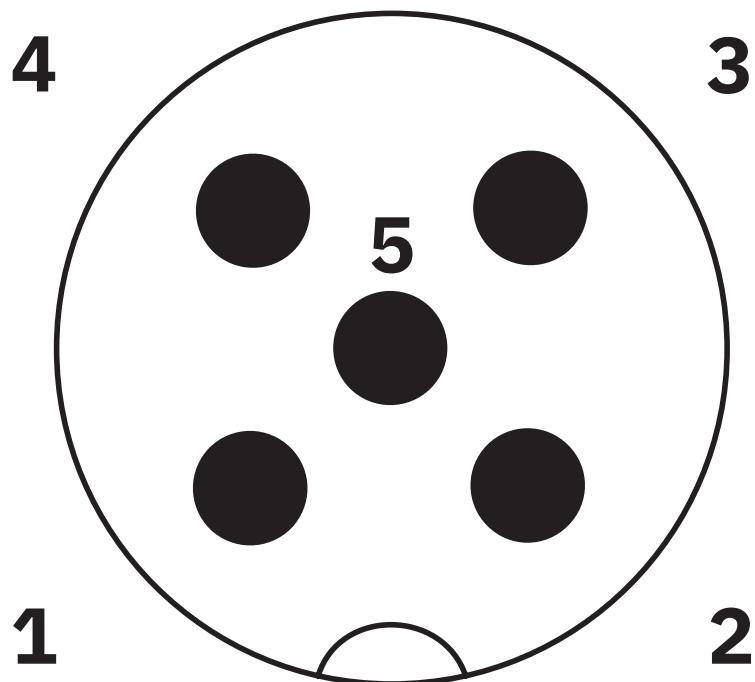
## Drawings

Dimensional drawing



Plug, M12 x 1, straight, shielded

Schematic diagram



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

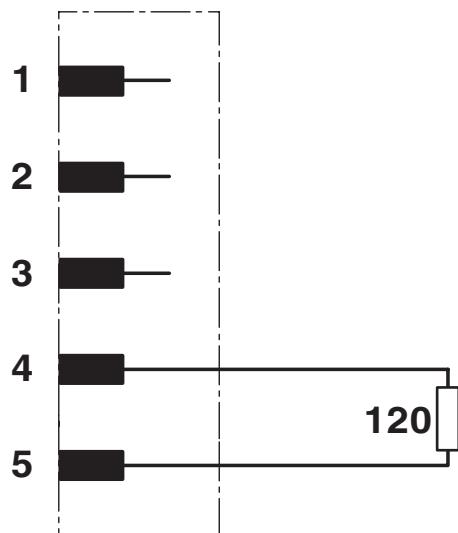
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1507816

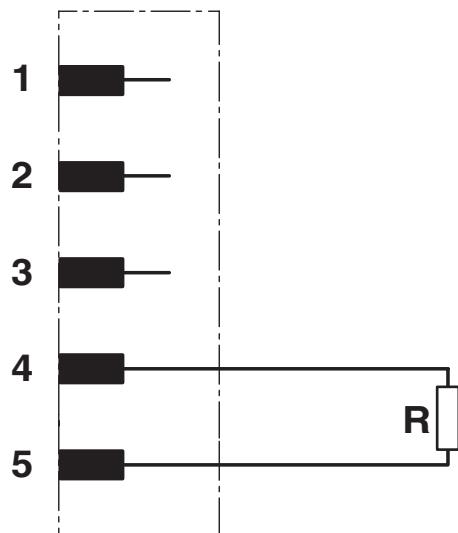
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Circuit diagram



Internal wiring of connections

Circuit diagram



Contact assignment of the termination resistor; for resistance values, see technical data

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## Classifications

### ECLASS

ECLASS-13.0	19070403
ECLASS-15.0	19070403

### ETIM

ETIM 9.0	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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### EF3.0 Climate Change

CO2e kg	0.3 kg CO2e
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