

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



1507816

<https://www.phoenixcontact.com/de/produkte/1507816>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.

Terminating resistor CANopen<sup>®</sup>/DeviceNet<sup>™</sup> M12



## Commercial Data

Item number	1507816
Packing unit	5 pc
Minimum order quantity	5 pc
Sales Key	C1 - Sensor-Aktor-Kabel
Product Key	BF1GVX
Catalog Page	Page 444 (C-6-2019)
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

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

1507816

<https://www.phoenixcontact.com/de/produkte/1507816>

## Technical Data

### Product properties

Product type	Terminal resistor
Number of positions	5
Coding	A - standard

### 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 ( $I_{eff}$ )

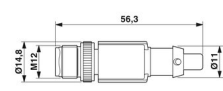
### General

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

### LED signaling

Status display	No
Status display present	No

### Dimensions

Dimensional drawing	
Width	14.8 mm
Height	14.8 mm
Length	56.3 mm

### Material specifications

Color	black
Flammability rating according to UL 94	HB
Sealing material	NBR
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF

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



1507816

<https://www.phoenixcontact.com/de/produkte/1507816>

Cable gland material	Zinc die-cast, nickel-plated
----------------------	------------------------------

## Connector

Insertion/withdrawal cycles	≥ 100
-----------------------------	-------

### Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	M12
Coding	A

### Connection 2

Head design	free cable end
-------------	----------------

## Environmental and real-life conditions

### Ambient conditions

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

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

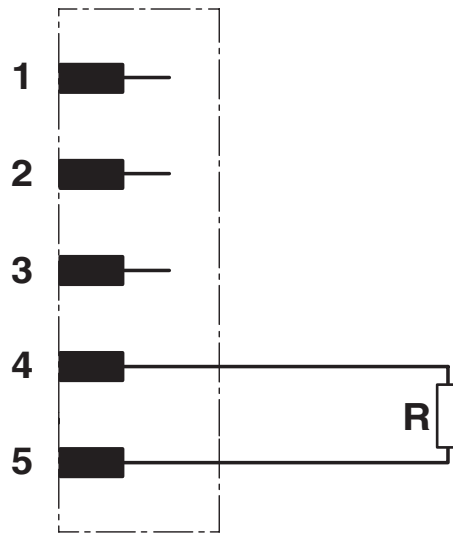
1507816

<https://www.phoenixcontact.com/de/produkte/1507816>

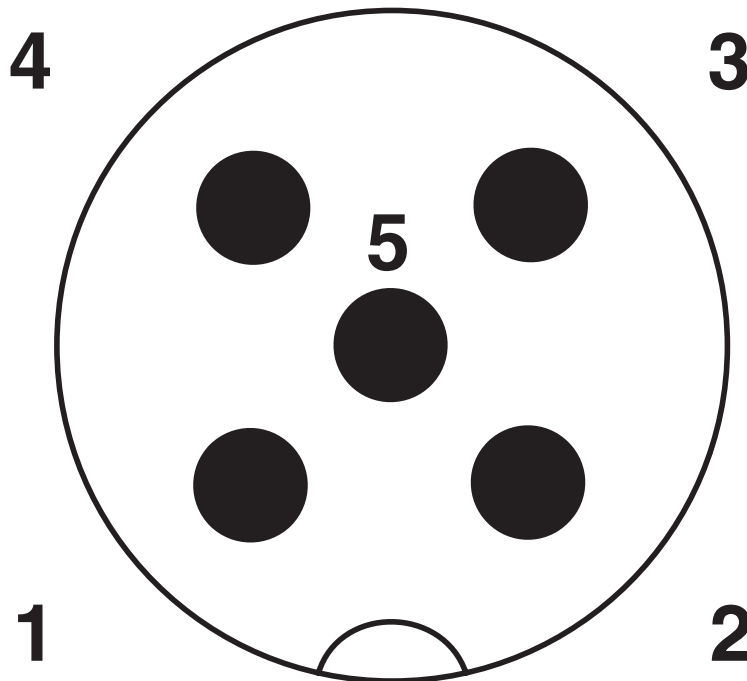


## Drawings

Circuit diagram



Schematic diagram



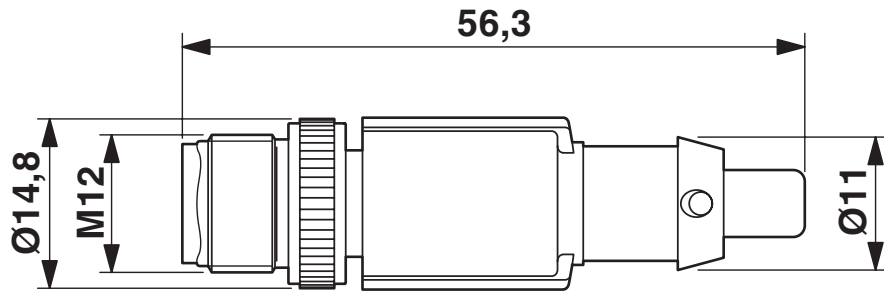
Pin assignment M12 male connector, 5-pos., A-coded, male side

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

1507816

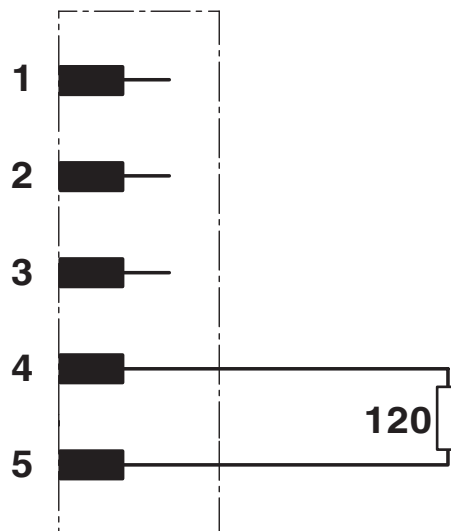
<https://www.phoenixcontact.com/de/produkte/1507816>

Dimensional drawing



Plug, M12 x 1, straight, shielded

Circuit diagram



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



1507816

<https://www.phoenixcontact.com/de/produkte/1507816>

## Classifications

### ECLASS

ECLASS-9.0	19070403
ECLASS-10.0.1	19070403
ECLASS-11.0	19070403

### ETIM

ETIM 8.0	EC000448
----------	----------

### UNSPSC

UNSPSC 21.0	32121600
-------------	----------

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



1507816

<https://www.phoenixcontact.com/de/produkte/1507816>

## Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
------------	---

Phoenix Contact 2022 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstraße 8  
D-32825 Blomberg  
+49 52 35/3-1 20 00  
[info@phoenixcontact.de](mailto:info@phoenixcontact.de)