

1507816

<https://www.phoenixcontact.com/ca/products/1507816>

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Terminating resistor CANopen[®]/DeviceNet[™] M12

Commercial data

Item number	1507816
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF21
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

SAC-5P-M12MS CAN TR - Termination resistor



1507816
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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 _{rms}
Nominal current I_N	4 A
	45 mA (I_{eff})

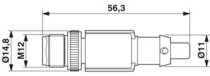
General

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

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1507816

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Connector

Connection 1

Type	Plug straight M12
Coding type	A

Connection 2

Type	free cable end
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 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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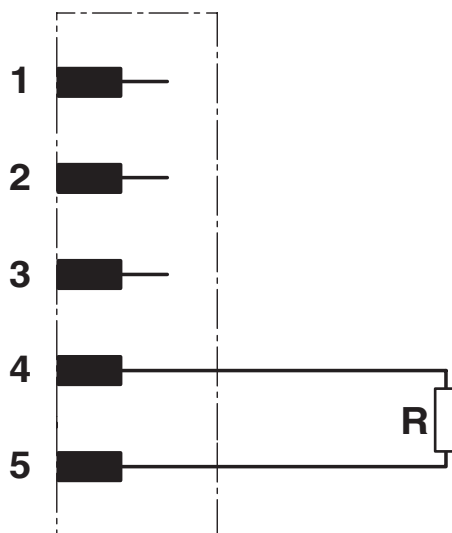
1507816

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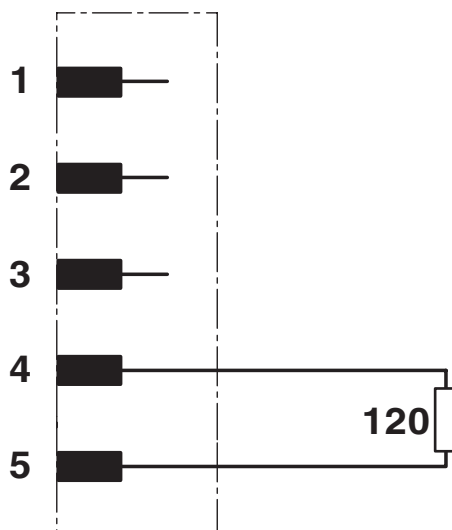


Drawings

Circuit diagram



Circuit diagram

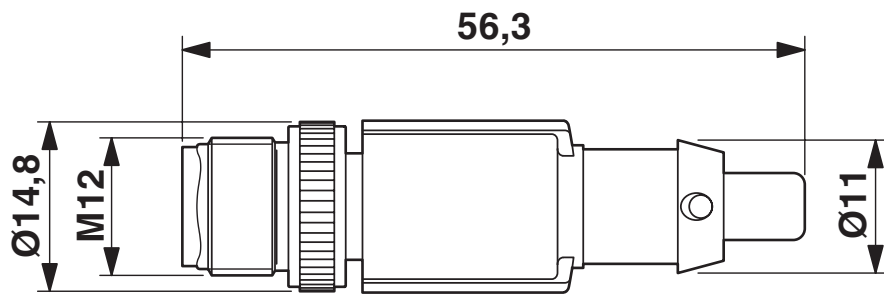


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1507816

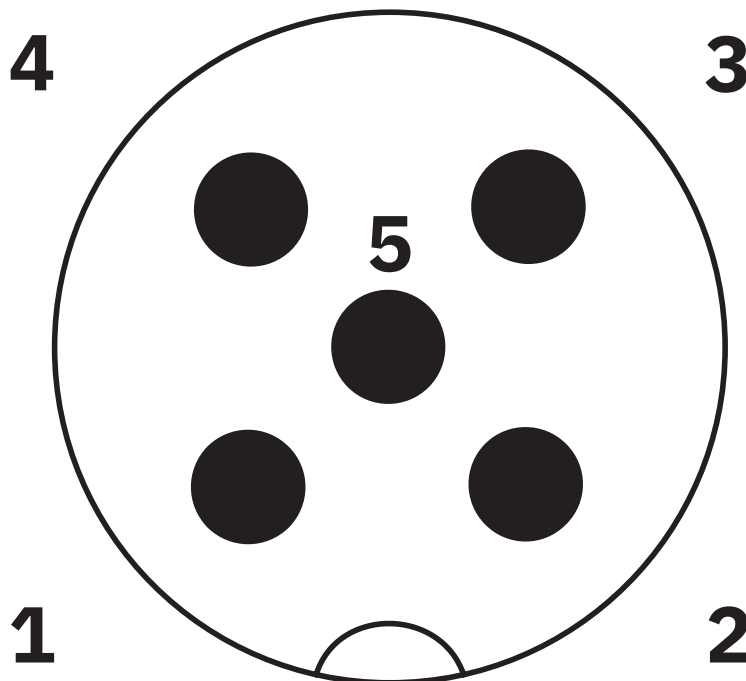
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Dimensional drawing



Plug, M12 x 1, straight, shielded

Schematic diagram



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

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Classifications

ECLASS

ECLASS-11.0	19070403
ECLASS-12.0	19070403
ECLASS-13.0	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
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%
EF3.0 Climate Change	
CO2e kg	0.27 kg CO2e

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