

SAC-5P-M12MSB CAN TR - Termination resistor



1401999

<https://www.phoenixcontact.com/us/products/1401999>

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Terminating resistor CANopen®/DeviceNet™ M12



Commercial data

Item number	1401999
Packing unit	5 pc
Minimum order quantity	100 pc
Note	Made to order (non-returnable)
Sales key	BF10
Product key	AF1GVX
GTIN	4046356579025
Weight per piece (including packing)	11.315 g
Weight per piece (excluding packing)	11.315 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	B

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 Ω \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
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	Plug straight M12
Number of positions	5
Coding type	B

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
	IP68
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 90 °C (Plug)

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Drawings

Dimensional drawing



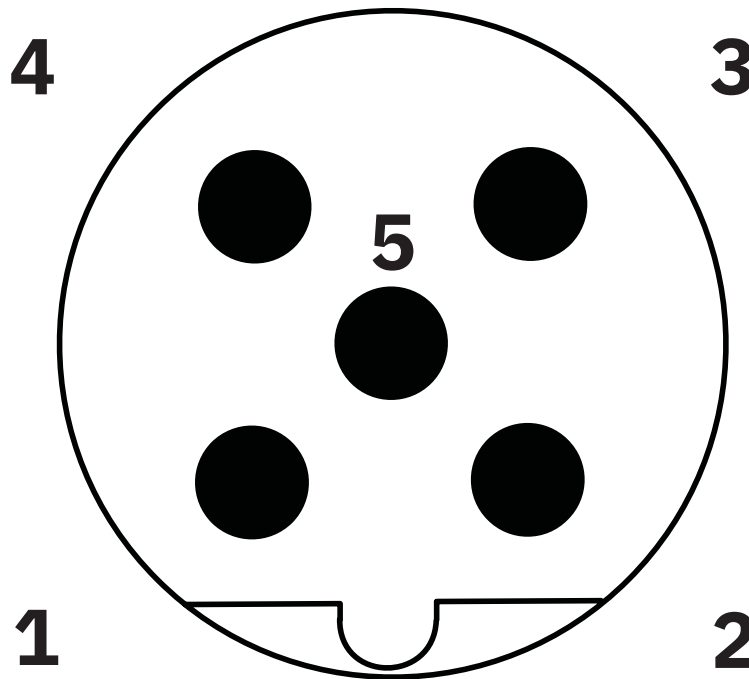
Plug, M12 x 1, straight, shielded

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1401999

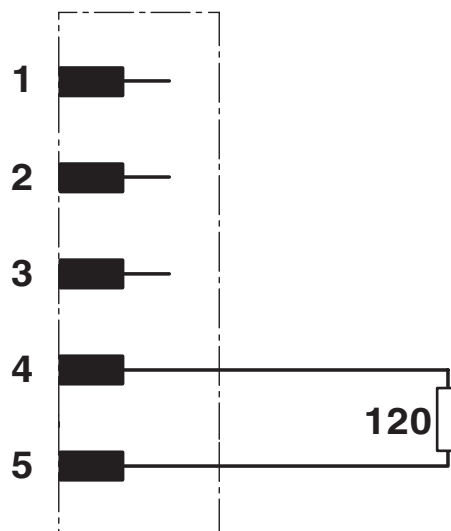
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Schematic diagram



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

Circuit diagram



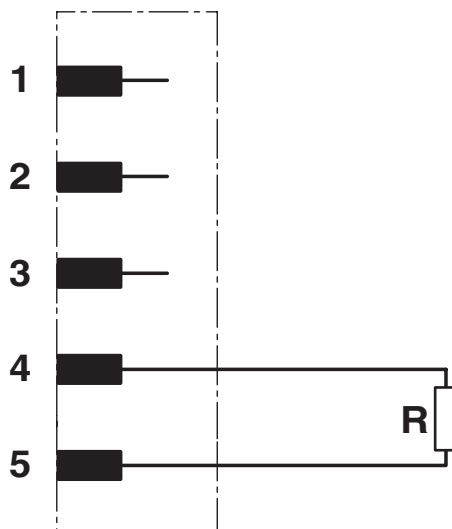
Internal wiring of connections

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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 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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