

SAC-5P-M12MSB CAN TR - Termination resistor



1401999

<https://www.phoenixcontact.com/gb/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 | AF1GVX |
| 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 $\Omega \pm 1\%$ |
| Power consumption | ≤ 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 | ≥ 100 |
|-----------------------------|------------|

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Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|-------------------------|
| Degree of protection | IP65 |
| | IP67 |
| | IP68 |
| Ambient temperature (operation) | -25 °C ... 90 °C (Plug) |

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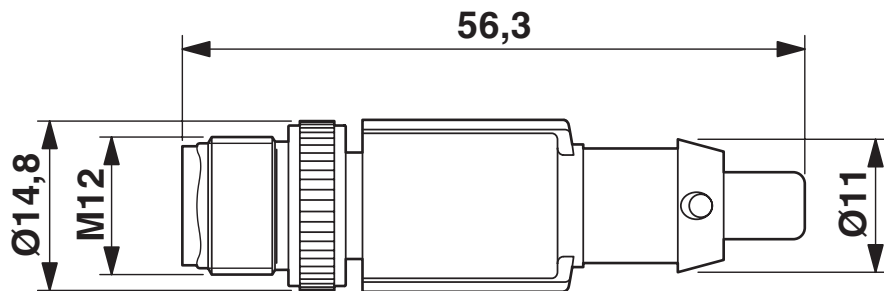


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Drawings

Dimensional drawing



Plug, M12 x 1, straight, shielded

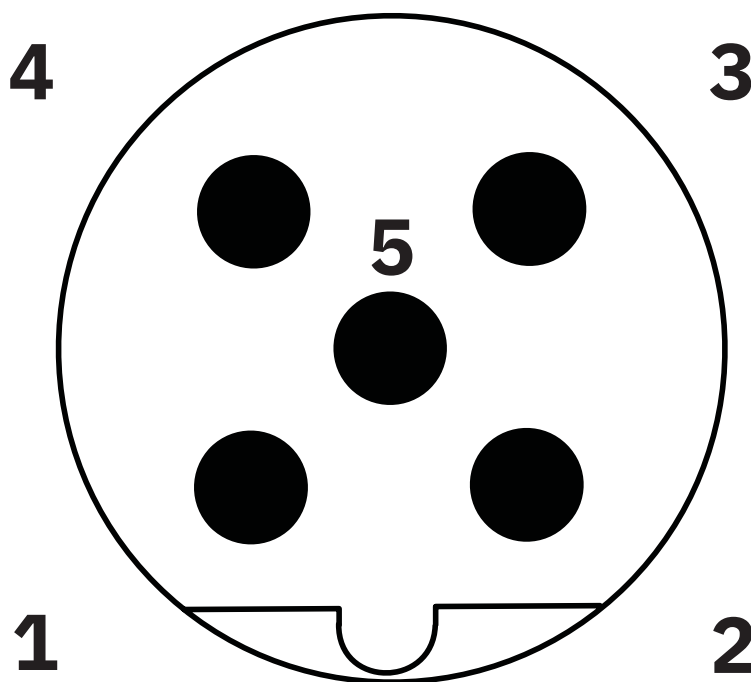
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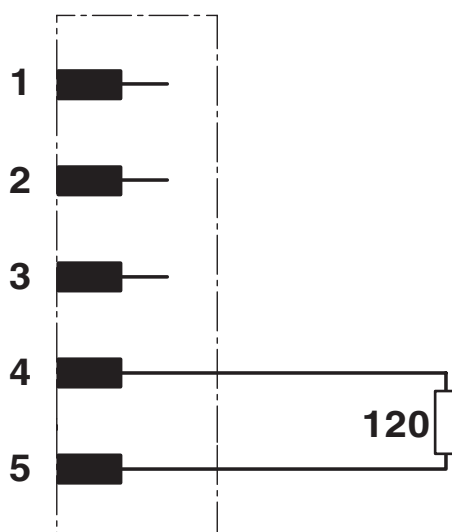


Schematic diagram



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

Circuit diagram



Internal wiring of connections

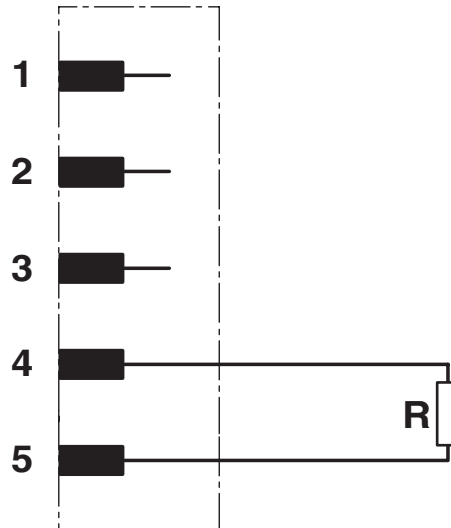
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Circuit diagram



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

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 19070403 |
|-------------|----------|

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000448 |
|----------|----------|

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% |
|-------------------------------------|----------------------------|

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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk