

SAC-5P-M12MS CAN 150 TR - Termination resistor



1536162

<https://www.phoenixcontact.com/us/products/1536162>

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Terminating resistor CANopen®/DeviceNet™ M12



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1536162 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF10 |
| Product key | BF1GVX |
| GTIN | 4046356027540 |
| Weight per piece (including packing) | 11.91 g |
| Weight per piece (excluding packing) | 8.11 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 |
| | 5 V_{rms} |
| Nominal current I_N | 4 A |

General

| | |
|----------------------|--------------------------------|
| Termination resistor | 150 Ω (Contact 2 and 4) |
|----------------------|--------------------------------|

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 | A |

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

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Ambient conditions

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

Standards and regulations

M12

| | |
|--------------------------|-----------------|
| Standard designation | M12 connector |
| Standards/specifications | IEC 61076-2-101 |

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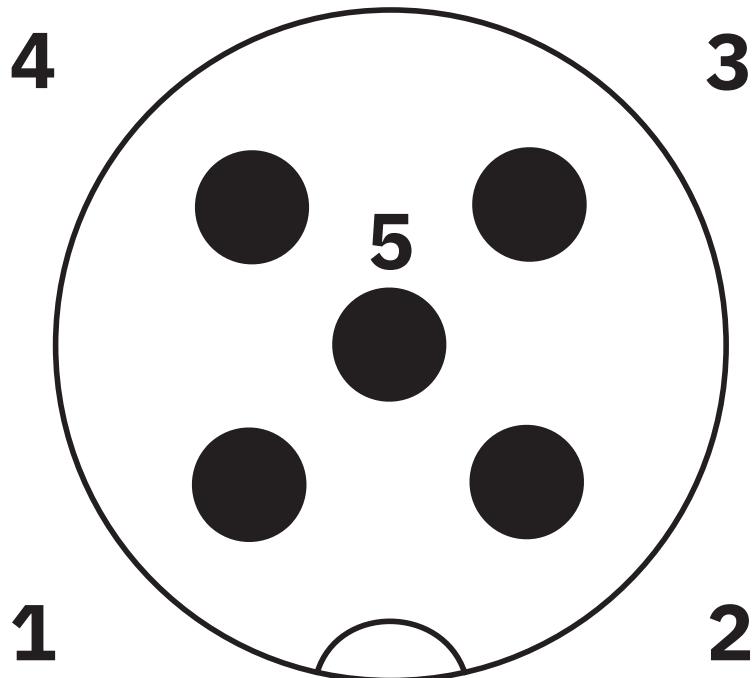
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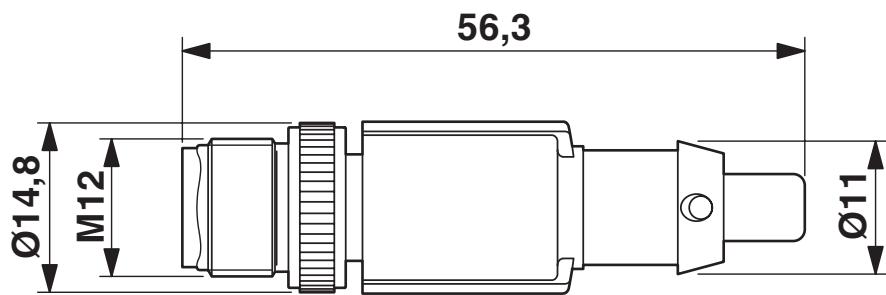
Drawings

Schematic diagram



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

Dimensional drawing



Plug, M12 x 1, straight, shielded

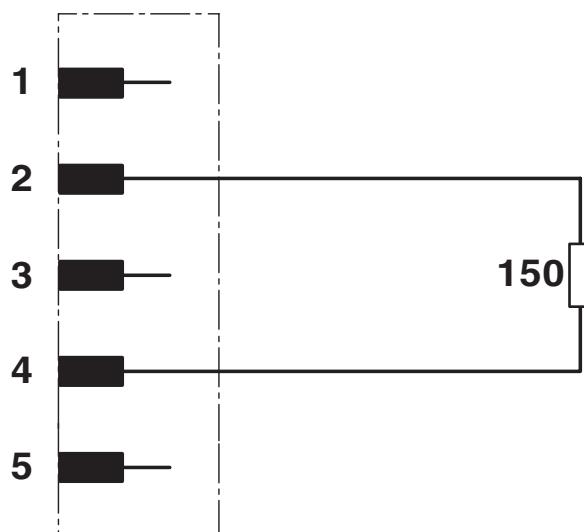
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Circuit diagram



Internal wiring of connections

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 19070403 |
| ECLASS-12.0 | 19070403 |
| 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% |
|-------------------------------------|----------------------------|

EF3.0 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.272 kg CO2e |
|---------|---------------|

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