

1400783

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Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, with 1 LED, on Valve connector CI (9.4 mm), with 1 LED, Wiring: Z diode, cable length: 3 m

Commercial data

| Item number | 1400783 |
|--------------------------------------|--------------------------------|
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF07 |
| Product key | BF1DOA |
| GTIN | 4046356510943 |
| Weight per piece (including packing) | 112.1 g |
| Weight per piece (excluding packing) | 112.1 g |
| Customs tariff number | 85444290 |
| Country of origin | PL |



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Technical data

Product properties

| Product type | Sensor/actuator cable with valve connector |
|----------------------|--|
| Number of positions | 3 |
| No. of cable outlets | 1 |

Electrical properties

| Nominal voltage U _N | 24 V AC |
|--------------------------------|---------|
| | 24 V DC |

Mechanical properties

Mechanical data

| Insertion/withdrawal cycles |
|-----------------------------|
|-----------------------------|

Signaling

| Status display | 1 LED |
|------------------------|-------|
| Status display present | Yes |

Connector

Connection 1

| Туре | Plug straight M12 |
|---------------------|-------------------|
| Number of positions | 3 |
| Coding type | A |

Connection 2

| Туре | Valve connector CI (9.4 mm) |
|---------------------|-----------------------------|
| Number of positions | 3 |

Cable/line

| Cable length | 3 m |
|--------------|-----|
|--------------|-----|

PUR halogen-free black [PUR]

Dimensional drawing



| Cable weight | 30 kg/km |
|---------------------|----------|
| UL AWM Style | 20549 |
| Number of positions | 3 |



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| Shielded | no |
|---|--|
| Cable type | PUR halogen-free black [PUR] |
| Conductor structure signal line | 28x 0.15 mm |
| AWG signal line | 20 |
| Conductor cross section | 3x 0.5 mm² |
| Wire diameter incl. insulation | 1.5 mm ±0.05 mm (Signal line) |
| External cable diameter | 4.50 mm ±0.2 mm |
| Outer sheath, material | PUR |
| External sheath, color | black-gray RAL 7021 |
| Conductor material | Bare Cu litz wires |
| Material wire insulation | PP |
| Single wire, color | black 1, black 2, green/yellow |
| Overall twist | 3 wires, twisted |
| Max. conductor resistance | 39 Ω/km (at 20 °C) |
| Insulation resistance | min. 20 MΩ*km |
| Nominal voltage, cable | ≤ 300 V |
| Test voltage | ≥ 1200 V |
| Minimum bending radius, fixed installation | 5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Smallest bending radius, fixed installation | 22.5 mm |
| Smallest bending radius, movable installation | 45 mm |
| Max. bending cycles | 15000000 |
| Halogen-free | in accordance with DIN VDE 0472 part 815 |
| Flame resistance | according to DIN VDE 0482 |
| | According to DIN EN 50265-2-1 |
| Resistance to oil | in accordance with DIN EN 60811-2-1 |
| Other resistance | largely oil-resistant |
| | partly UV-resistant (in accordance with DIN EN ISO 4892-2-A) |
| Ambient temperature (operation) | -40 °C 80 °C (cable, fixed installation) |
| | -20 °C 80 °C (Cable, flexible installation) |

Environmental and real-life conditions

Ambient conditions

| Ambient temperature (operation) | -25 °C 90 °C (Plug / socket) |
|---------------------------------|------------------------------|
| | -20 °C 85 °C (valve plug) |

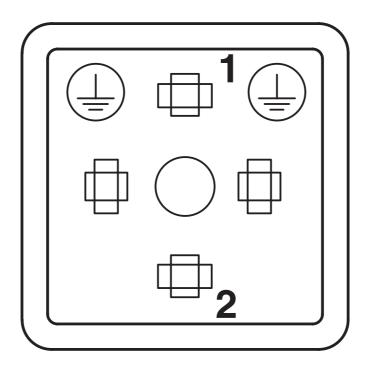


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Drawings

Schematic diagram





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Approvals

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| @ | CSAus Approval ID: 13631 | | | | |
|----------|-----------------------------|--------------------------------|--------------------------------|-------------------|-------------------------------|
| | | Nominal voltage U _N | Nominal current I _N | Cross section AWG | Cross section mm ² |
| | | 24 V | 4 A | - | - |



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Classifications

ECLASS

UNSPSC 21.0

| | ECLASS-11.0 | 27060312 |
|--------|-------------|----------|
| | ECLASS-12.0 | 27060312 |
| | ECLASS-13.0 | 27060312 |
| ETIM | | |
| | ETIM 8.0 | EC001855 |
| UNSPSC | | |

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Environmental product compliance

EU RoHS

| Fulfills EU RoHS substance requirements | Yes |
|---|---|
| Exemption | 7(c)-l |
| China RoHS | |
| nvironment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |
| EU REACH SVHC | |
| REACH candidate substance (CAS No.) | Diboron trioxide(CAS: 1303-86-2) |
| | Lead monoxide (lead oxide)(CAS: 1317-36-8) |



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Accessories

SAC-V-SCREW-M3-29 KNURL - Screw

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Fillister head screw with plastic knurl, M3 x 40

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