

SAC-2P-ASIFK/ 2,0-PUR/M12FS P - Bus system cable



1557293

<https://www.phoenixcontact.com/us/products/1557293>

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Bus system cable, AS-Interface, 2-position, shielded, Plug straight AS-i, on Socket straight M12, coding: A, cable length: 2 m, with plastic knurl

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1557293 |
| Packing unit | 1 pc |
| Sales key | BF03 |
| Product key | AF1CBA |
| GTIN | 4046356185042 |
| Weight per piece (including packing) | 128.6 g |
| Weight per piece (excluding packing) | 122.5 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|----------------------|-------------------------|
| Product type | Data cable preassembled |
| Sensor type | AS-Interface |
| Number of positions | 2 |
| No. of cable outlets | 1 |
| Coding | A |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution | 3 |

Interfaces

| | |
|----------------------|--------------|
| Bus system | AS-Interface |
| Signal type/category | AS-Interface |

Signaling

| | |
|------------------------|----|
| Status display | no |
| Status display present | no |

Electrical properties

| | |
|-----------------------|----------------------------|
| Insulation resistance | $\geq 100 \text{ M}\Omega$ |
| Nominal voltage U_N | 30 V AC |
| | 30 V DC |
| Nominal current I_N | 2 A |

Mechanical properties

Mechanical data

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

Material specifications

| | |
|--|--------------------|
| Flammability rating according to UL 94 | HB |
| Seal material | NBR |
| Outer sheath, material | PUR |
| Conductor material | Bare Cu litz wires |

Connector

Connection 1

| | |
|------|--------------------|
| Type | Plug straight AS-i |
|------|--------------------|

Connection 2

| | |
|-------------|---------------------|
| Type | Socket straight M12 |
| Coding type | A (Standard) |

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| | |
|----------|---|
| Material | CuSn (Contact) |
| | Ni/Au (Contact surface) |
| | TPU GF (Contact carrier) |
| | TPU, hardly inflammable, self-extinguishing (Grip body) |
| | Plastic (Screw connection) |

Cable/line

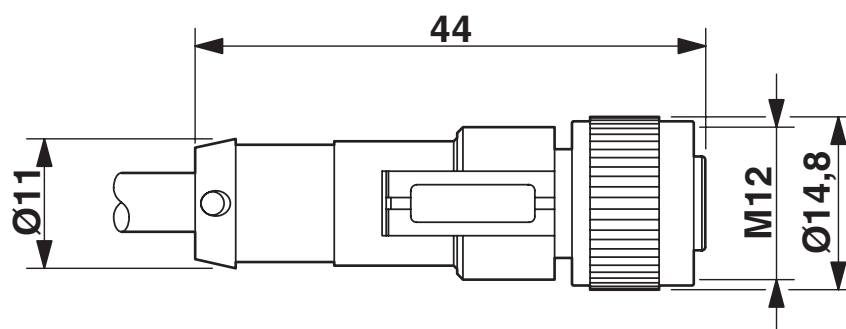
| | |
|--------------------------|----------------------|
| Cable length | 2 m |
| Cable type | PUR/PVC black |
| Signal type/category | AS-Interface |
| External cable diameter | 5.80 mm |
| Outer sheath, material | PUR |
| External sheath, color | black RAL 9005 |
| Single wire, color | brown, blue |
| Cable cross section | 0.75 mm ² |
| Material, inner sheath | PVC |
| Conductor material | Bare Cu litz wires |
| AWG signal line | 18 |
| Material wire insulation | PVC |

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Drawings

Dimensional drawing



M12 x 1 socket, straight

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27060311 |
| ECLASS-15.0 | 27060311 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 31251501 |
|-------------|----------|

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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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