

## Sensor/Actuator cable - SAC-3P-M12MS/0,6-PUR/B-1L-S180 - 1536586

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Sensor/Actuator cable, 3-position, PUR/PVC, Black RAL 9005, Plug straight M12, A-coded, on Valve connector B (10 mm), with 1 LED, connected with Z diode, Cable length: 0.6 m



### Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Weight per Piece (excluding packing)	80.62 GRM
Custom tariff number	85444290
Country of origin	Germany

### Technical data

#### Dimensions

Length of cable	0.6 m
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#### Ambient conditions

Degree of protection	IP67
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#### General

Rated current at 40°C	4 A
Rated voltage	24 V AC/DC
Number of positions	3
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	1 LED
Protective circuit/component	Z diode
Surge voltage category	II
Pollution degree	3

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## Technical data

### General

Insertion/withdrawal cycles	≥ 100
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### Material

Inflammability class according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Valve plug contact material	CuSn
Valve plug contact surface material	Ag
Valve plug contact insert material	PBT
Material housing valve plug	PBT
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Flat gasket valve plug)

### Cable

Cable type	PUR/PVC black
Conductor cross section	0.75 mm <sup>2</sup>
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
Wire colors	Black 1, black 2, green/yellow
Overall twist	3 concentrically twisted wires
Length of twist, overall twist	83 mm
External sheath, color	Black RAL 9005
External cable diameter	5.90 mm
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801

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## Classifications

eCl@ss

eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

ETIM

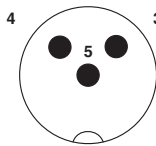
ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

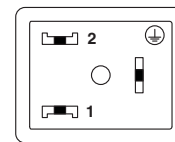
## Drawings

Schematic diagram



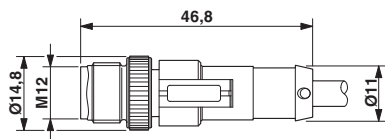
Pin assignment M12, 3-pos.

Schematic diagram



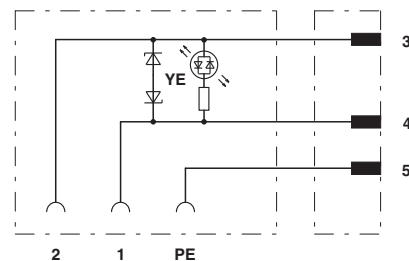
Valve connector pin assignment, type B

Dimensioned drawing



M12 x 1 plug, straight

Circuit diagram



Contact assignment