


SAC-3P-M12MS/ 3,0-140/C-1L-S

Order No.: 1526680

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Sensor/Actuator cable, 3-position, PUR/PVC, Yellow RAL 1021, Plug, straightLink:M12, A-coded, on Valve plug C (8 mm), with 1 LED, connected with Z diode, Cable length: 3 m

Commercial data

GTIN (EAN)	 4 046356 022934
Note	Made-to-order
sales group	D115
Pack	5 pcs.
Customs tariff	85444290

Product notesWEEE/RoHS-compliant since:
10/01/2007

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Technical data**General data**

Rated current at 40°C	4 A
Rated voltage	24 V
Number of positions	3
Volume resistance	≤ 15 mΩ
Insulation resistance	≥ 100 MΩ
Length of cable	3 m

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuSn
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)
Status display	1 LED
Protective circuit/component	Z diode

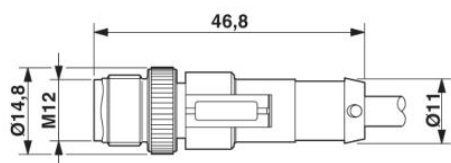
Conductor data

Cable type	PUR/PVC yellow
Cable abbreviation	LiYY-11Y
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.52 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
	≥ 0.38 mm (Outer cable sheath)
	Approx. 0.45 mm (Inner sheath)
External cable diameter	5.20 mm
Wire colors	Brown, blue, black
External sheath, color	Yellow RAL 1021
Insulation resistance	≥ 100 MΩ*km
Conductor resistance	max. 57.3 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	2500 V

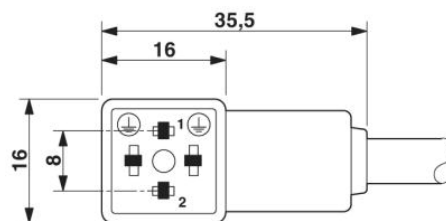
Overall twist	3 wires, twisted
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	37 kg/km
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	52 mm
Number of bending cycles	2000000
Bending radius	52 mm
Traversing path	5 m
Traversing rate	3 m/s

Diagrams/Drawings

Dimensioned drawing

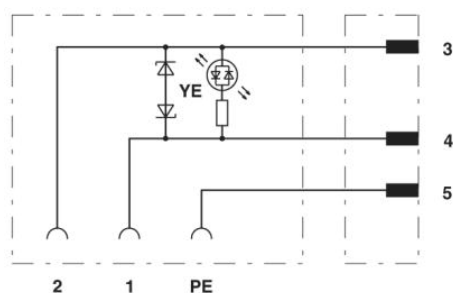


M12 x 1 male connector, straight



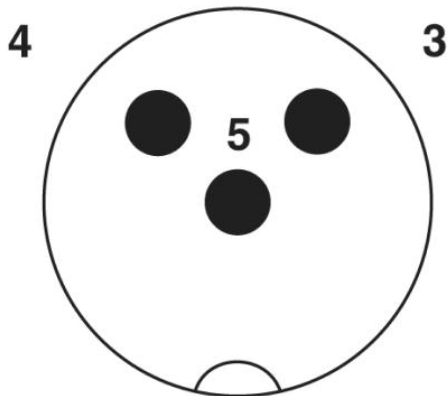
Valve connector, type C

Circuit diagram

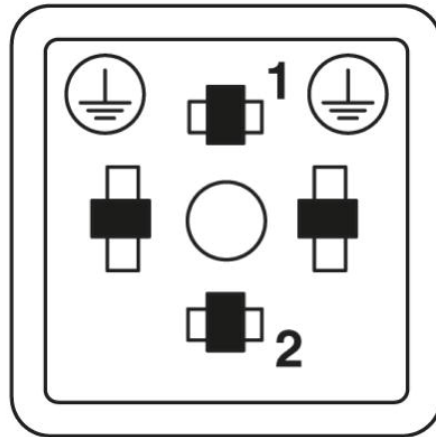


Contact assignment of M12 plug and valve connector

Schematic diagram



Pin assignment M12 plug, 3-pos., valve connector



Valve connector connector pin assignment, type C

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