

SAC-3P-M12MS/1,5-PUR/C-1L-S

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Order No.: 1669259



Sensor/Actuator cable, 3-position, PUR/PVC, Black RAL 9005, Plug, straight M12, A-coded, on Valve plug C (8 mm), with 1 LED, connected with Z diode, Cable length: 1.5 m

Commercial data

EAN	 4 017918 136260
Note	Made-to-order
Pack	1
Customs tariff	85444290
Catalog page information	Page 90 (PC-2007)

Product notes

WEEE/RoHS-compliant since:
2006-06-23



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	24 V
	24 V (in acc. with DIN VDE 0110)
Number of positions	3
Volume resistance	5 mΩ

Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	1.5 m
Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)
	-20 °C ... 80 °C (valve plug)

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
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
Sealing material	TPU (Flat gasket valve plug)
Status display	1 LED
Protective circuit/component	Z diode

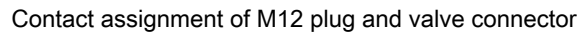
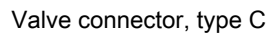
Conductor data

Cable type	PUR/PVC black
Cable abbreviation	LIYY11Y-JZ
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	42x 0.15 mm
Core diameter including insulation	Approx. 1.8 mm
Thickness, insulation	Approx. 0.34 mm (Core insulation)
	Approx. 0.35 mm (Outer cable sheath)
	Approx. 0.3 mm (Inner sheath)
External cable diameter	5.90 mm
Wire colors	Black 1, black 2, green/yellow
External sheath, color	Black RAL 9005
Insulation resistance	$\geq 1 \text{ M}\Omega \cdot \text{km}$

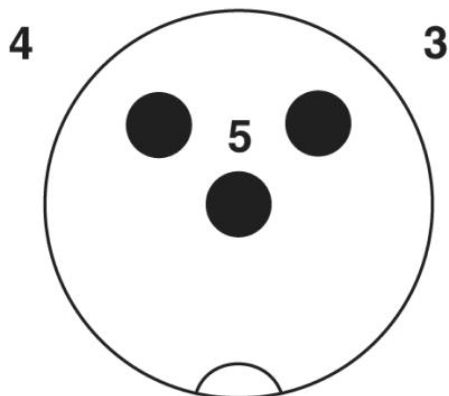
Certificates



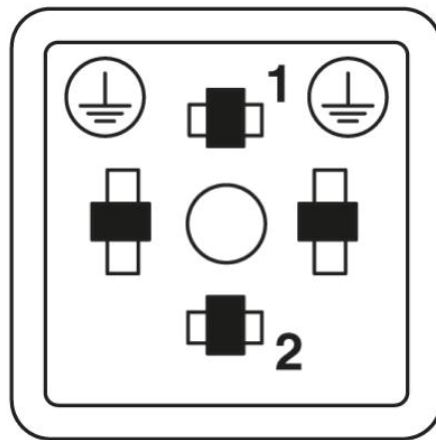
Drawings



Schematic diagram



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



Valve connector connector pin assignment, type C