

SAC-5P-M12MS/3,0-PUR/AD-2L

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Order No.: 1669644



Sensor/Actuator cable, 5-position, PUR/PVC, Black RAL 9005, Plug, straight M12, A-coded, on Valve plug A (pressure switch), with 2 LEDs, connected with Z diode, Cable length: 3 m

Commercial data

EAN	 4 017918 134587
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
Number of positions	5
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$

Length of cable	3 m
Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)
	-20 °C ... 85 °C (valve plug)

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	2 LEDs
Protective circuit/component	Z diode

Conductor data

Cable type	PUR halogen-free black
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
External cable diameter	7.00 mm
Wire colors	Black 1, black 2, black 3, black 4, green/yellow
External sheath, color	Black RAL 9005
Outer sheath, material	PUR
Material, inner sheath	PVC
Ambient temperature (operation)	-30 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 70 °C (cable, flexible installation)

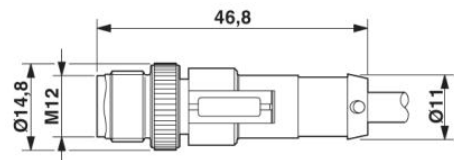
Certificates



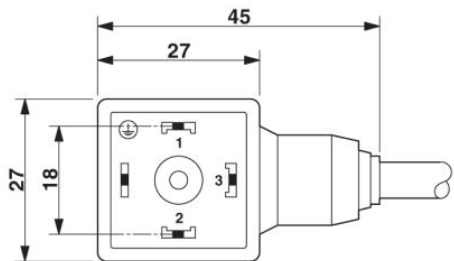
Certification GOST

Drawings

Dimensioned drawing

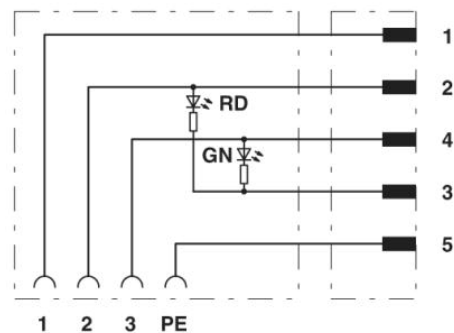


M12 x 1 male connector, straight



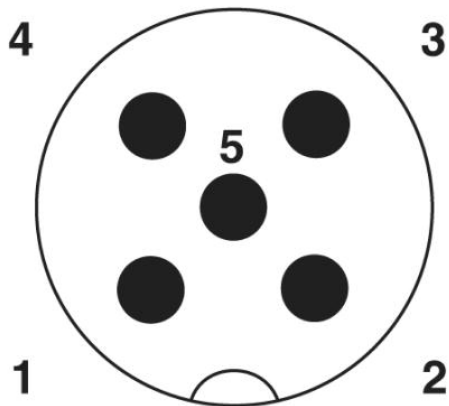
Valve plug type AD

Circuit diagram

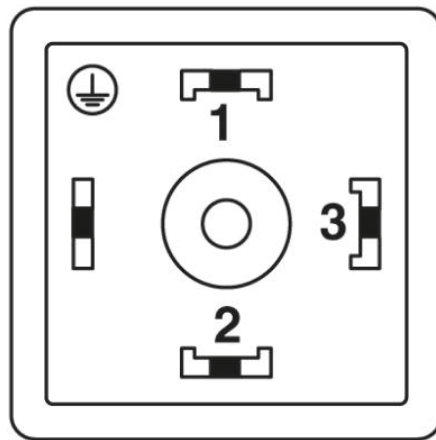


Contact assignment of M12 plug and valve connector

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side



Valve plug connector pin assignment, type AD