

Sensor/actuator cable - SAC-5P-M12MS/1,5-PUR/AD-2L - 1670002


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Sensor/actuator cable, 5-position, PUR/PVC, black RAL 9005, Plug straight M12, A-coded, on Valve connector AD (pressure switch), with 2 LEDs, cable length: 1.5 m

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 134907
GTIN	4017918134907
Sales Key	02

Technical data

Dimensions

Length of cable	1.5 m
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
	-20 °C ... 85 °C (valve plug)
Degree of protection	IP67

General

Rated current at 40°C	4 A
Rated voltage	24 V
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
	Valve connector EN 175301-803
Status display	2 LEDs
Overvoltage category	II
Degree of pollution	3

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Technical data

General

Insertion/withdrawal cycles	≥ 100
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Material

Flammability rating 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 halogen-free black
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
Wire colors	Black 1, black 2, black 3, black 4, green/yellow
External sheath, color	black RAL 9005
External cable diameter	7.00 mm
Outer sheath, material	PUR
Material, inner sheath	PVC
Standards/specifications	M12 connector IEC 61076-2-101
	Valve connector EN 175301-803

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Standard designation	Valve connector
Standards/regulations	EN 175301-803
Flammability rating according to UL 94	HB

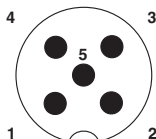
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

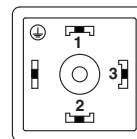
Sensor/actuator cable - SAC-5P-M12MS/1,5-PUR/AD-2L - 1670002

Schematic diagram



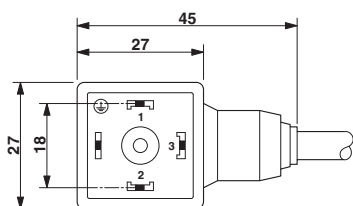
Pin assignment M12 male connector, 5-pos., A-coded, male side

Schematic diagram



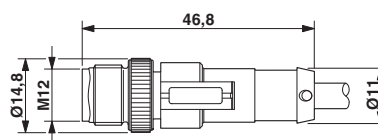
Valve plug connector pin assignment, type AD

Dimensional drawing



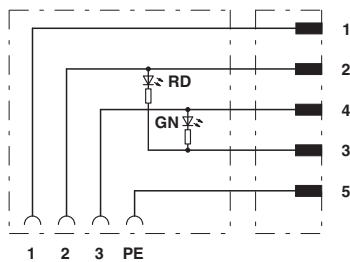
Valve connector, type AD

Dimensional drawing



Plug, M12 x 1, straight, shielded

Circuit diagram



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