

SAC-3P-M12MR/BI-1L-S

Order No.: 1534135



Valve connector type B, 11 mm contact spacing, horizontal connector M12

Commercial data

EAN	 4 046356 026499
Pack	5
Customs tariff	85444290
Catalog page information	Page 109 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-04-01



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	24 V AC/DC
Number of positions	3
Volume resistance	$\leq 15 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-25 °C ... 85 °C (valve plug)

General characteristics

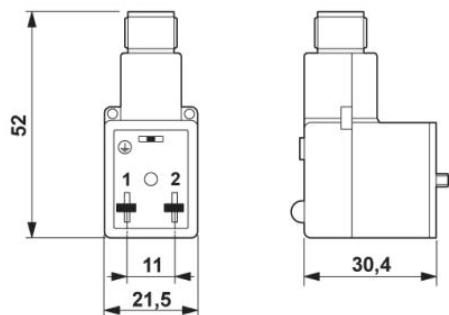
Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP67
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Contact material	CuSn
Contact surface material	Ag
Valve plug contact insert material	PBT
Material, housing, valve plug	PBT
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	TPU
Type of connection	M12 male connector
Status display	Yellow LED
Protective circuit/component	Z diode

Conductor data

Cable type	PUR/PVC black
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
External cable diameter	5.90 mm
Wire colors	Black 1, black 2, green/yellow
External sheath, color	Black RAL 9005

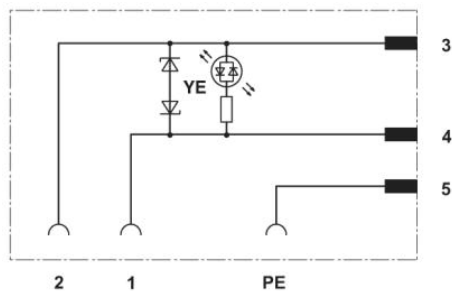
Drawings

Dimensioned drawing

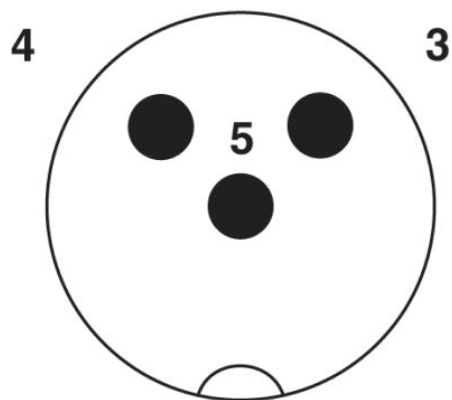


Valve connector, type BI with horizontal M12 plug

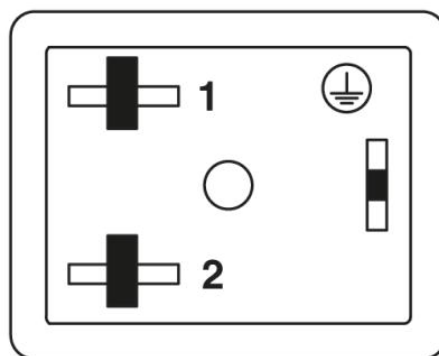
Circuit diagram



Schematic diagram



Pin assignment M12 plug, 3-pos., A-coded, view male side



Valve connector pin assignment, type BI