

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



1534135

<https://www.phoenixcontact.com/us/products/1534135>

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



Commercial Data

Item number	1534135
Packing unit	1 pc
Minimum order quantity	5 pc
Note	Made to Order (non-returnable)
Sales Key	00
Product Key	BF1GDA
Catalog Page	Page 173 (PC-2011)
GTIN	4046356026499
Weight per Piece (including packing)	35.72 g
Weight per Piece (excluding packing)	34.67 g
Customs tariff number	85444290
Country of origin	CZ

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Technical Data

Product properties

Product type	Valve connector adapter
Number of positions	3
No. of cable outlets	1
Coding	A - standard

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Color	black
Flammability rating according to UL 94	V0
Sealing material	TPU
Material housing valve plug	PBT
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Contact material	CuSn
Valve plug contact insert material	PBT
Contact surface material	Ag
Cable gland material	Zinc die-cast, nickel-plated

Electrical properties

Contact resistance	$\leq 15 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	24 V AC
	24 V DC
Nominal current I_N	4 A
Protective circuit	Z diode

LED signaling

Status display	Yellow LED
Status display present	yes

Connection data

Connection method	M12 connector
Tightening torque	0.4 Nm (M12 connector)
	0.6 Nm (Valve connector)

Connector

Insertion/withdrawal cycles	≥ 100
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Connection 1

Head design	Plug
Head cable outlet	angled
Head thread type	M12
Coding	A

Connection 2

Head design	Valve connector
Head thread type	BI (11 mm)
Status indicator head	1 LED

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (valve plug)

Standards and regulations

M12

Standards/specifications	IEC 61076-2-101
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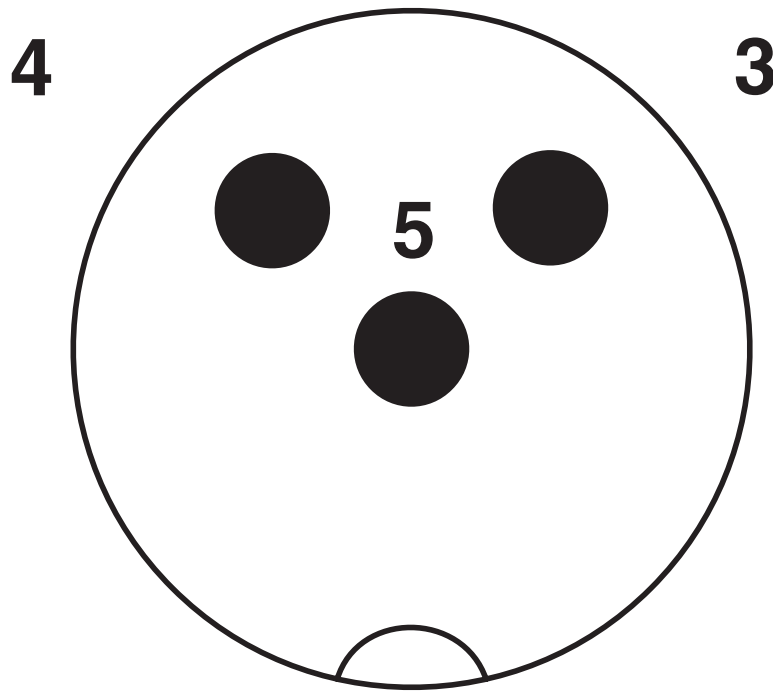
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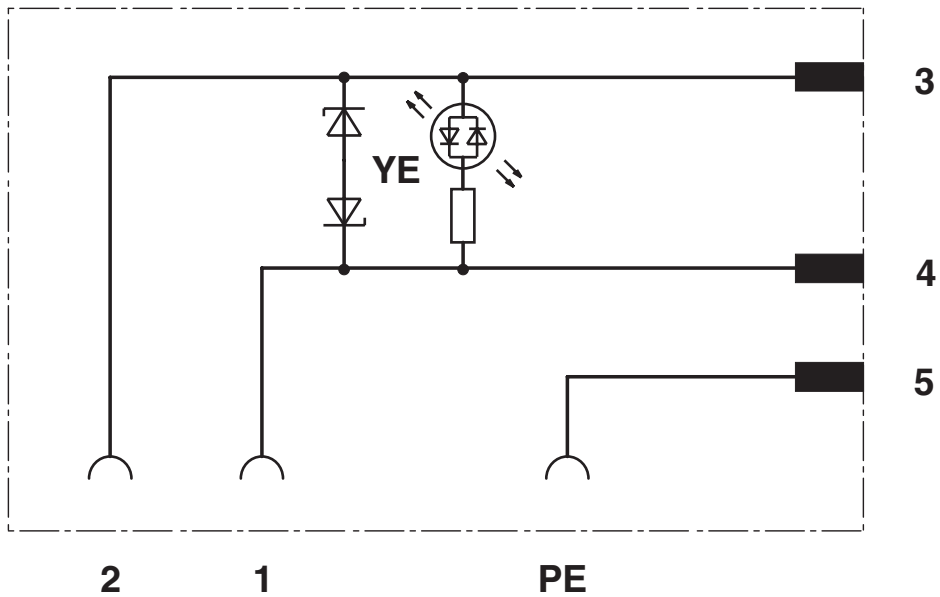
Drawings

Schematic diagram



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

Circuit diagram

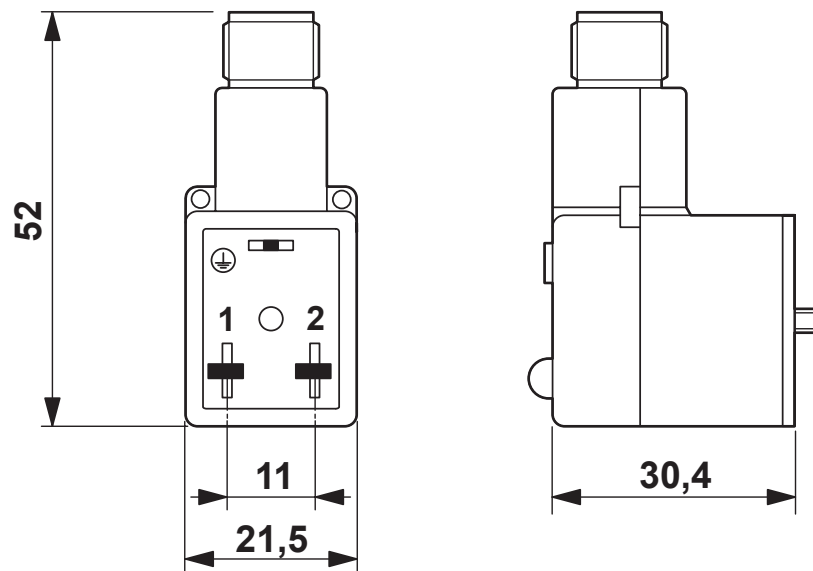


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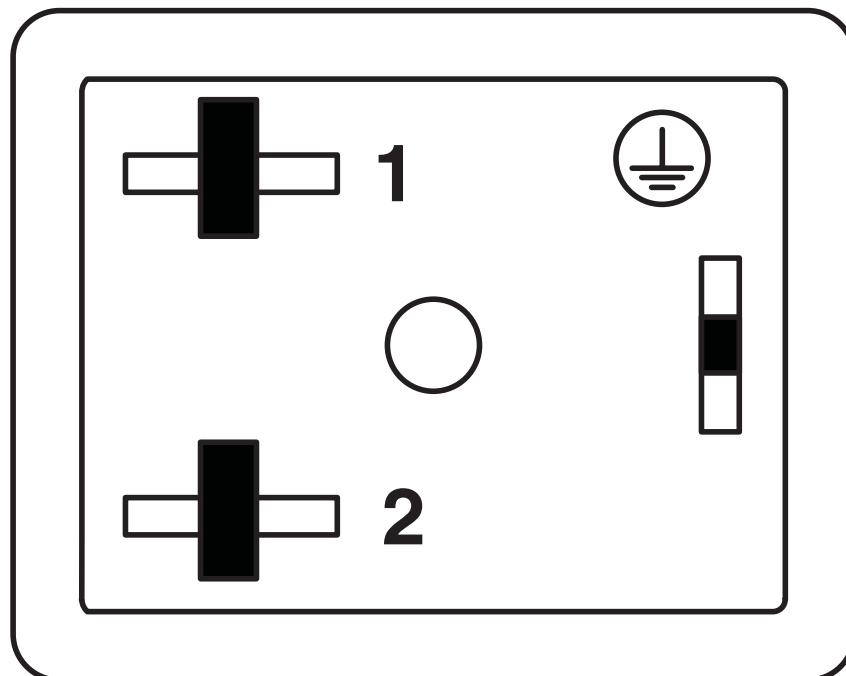
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Dimensional drawing



Valve connector, type BI with horizontal M12 plug

Schematic diagram



Valve connector pin assignment, type BI

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Classifications

ECLASS

ECLASS-11.0	27440105
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Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"
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Accessories

Sensor/actuator cable

Sensor/actuator cable - SAC-3P-M12MS/3,0-PUR/M12FS 345 - 1402560

<https://www.phoenixcontact.com/us/products/1402560>



Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 3 m, For valve connector

Sensor/actuator cable

Sensor/actuator cable - SAC-3P-M12MS/5,0-PUR/M12FS 345 - 1402561

<https://www.phoenixcontact.com/us/products/1402561>



Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 5 m, For valve connector

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Sensor/actuator cable

Sensor/actuator cable - SAC-3P-M12MS/10,0-PUR/M12FS 345 - 1402562

<https://www.phoenixcontact.com/us/products/1402562>



Sensor/actuator cable, 3-position, PUR halogen-free, black-gray RAL 7021, Plug straight M12, coding: A, on Socket straight M12, coding: A, cable length: 10 m, For valve connector

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