

Valve connectors - SAC-3P-MR/BI-1L-Z SCO - 1458570

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Valve connectors, 3-position, Plug angled M12, A-coded, on Valve connector BI (11 mm), with 1 LED, connected with Z diode



Key commercial data

Packing unit	1 1
Custom tariff number	85366990
Country of origin	Poland

Technical data

Ambient conditions

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

General

Rated current at 40°C	4 A
Rated voltage	24 V AC/DC
Number of positions	3
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	Yellow LED
Protective circuit/component	Z diode
Surge voltage category	II
Pollution degree	3
Connection method	M12 connector

Valve connectors - SAC-3P-MR/BI-1L-Z SCO - 1458570

Technical data

General

Insertion/withdrawal cycles	≥ 100
Torque	0.6 Nm (Valve connector)

Material

Inflammability class according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA66
Valve plug contact material	CuSn
Valve plug contact surface material	Sn
Valve plug contact insert material	PA 66
Material housing valve plug	TPU
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Seal molded)

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

ETIM

ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Valve connectors - SAC-3P-MR/BI-1L-Z SCO - 1458570

Approvals

Approvals

Approvals

GL

Ex Approvals

Approvals submitted

Approval details

GL

Accessories

Accessories

Screwdriver tools

Screw insert - SF-BIT-PH 1-70 - 1212582



Screw bit, PH crosshead, E6.3-1/4" drive, size: PH 1 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Sensor/actuator cable

Sensor/Actuator cable - SAC-3P-M12MS/1,5-PUR/M12FS 345 - 1402559



Sensor/Actuator cable, 3-position, Plug straight M12, A-coded, on Socket straight M12, A-coded, Cable length: 1.5 m, For valve connector

Valve connectors - SAC-3P-MR/BI-1L-Z SCO - 1458570

Accessories

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



Sensor/Actuator cable, 3-position, Plug straight M12, A-coded, on Socket straight M12, A-coded, Cable length: 3 m, For valve connector

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



Sensor/Actuator cable, 3-position, Plug straight M12, A-coded, on Socket straight M12, A-coded, Cable length: 5 m, For valve connector

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



Sensor/Actuator cable, 3-position, Plug straight M12, A-coded, on Socket straight M12, A-coded, Cable length: 10 m, For valve connector

Sensor/Actuator cable - SAC-3P-M12MS/15,0-PUR/M12FS 345 - 1402563



Sensor/Actuator cable, 3-position, Plug straight M12, A-coded, on Socket straight M12, A-coded, Cable length: 15 m, For valve connector

Torque tool

Torque screwdriver - TSD-M 1,2NM - 1212224

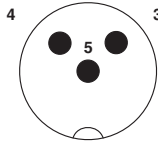


Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

Valve connectors - SAC-3P-MR/BI-1L-Z SCO - 1458570

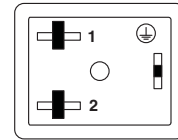
Drawings

Schematic diagram



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

Schematic diagram



Valve connector pin assignment, type BI

Circuit diagram

