Valve connectors - SAC-3P-MR/BI-1L-Z SCO 180 - 1409724

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Valve connectors, 3-position, Plug angled M12, A-coded, on Valve connector BI (11 mm), with 1 LED, connected with Z diode, Pin connector pattern of valve plug rotated 180°

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	200 pc
GTIN	4 046356 900683
GTIN	4046356900683

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
	24 V DC
Number of positions	3
Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	Yellow LED
Protective circuit/component	Z diode
Overvoltage category	II
Degree of pollution	3

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Technical data

General

Connection method	M12 connector
Insertion/withdrawal cycles	≥ 100
Torque	0.6 Nm (Valve connector)

Material

Flammability rating 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 6.6
Material housing valve plug	TPU
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Seal molded)

Standards and Regulations

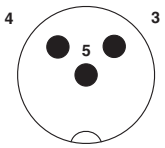
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	HB

Environmental Product Compliance

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

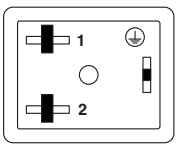
Drawings

Schematic diagram



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

Schematic diagram



Valve connector pin assignment, type BI

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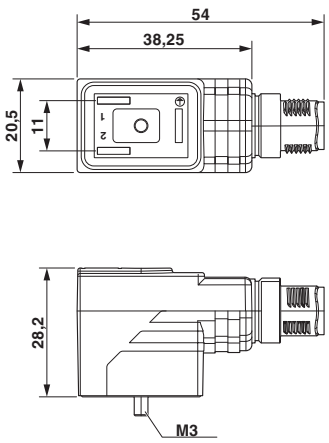
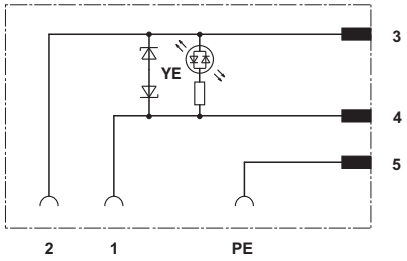
Dimensional drawing



Circuit diagram



as illustrated, but with cable outlet rotated 180°

Approvals

Approvals

Approvals

CSAus

Ex Approvals

Approval details

CSAus		http://www.csagroup.org/services-industries/product-listing/	13631

Nominal voltage UN	24 V
Nominal current IN	4 A

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