SAC-3P-MS/B-1L-Z SCO - Valve connectors

1458541

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Valve connectors, 3-position, Plug straight M12, coding: A, with 1 LED, Wiring: Z diode, on Valve connector B (10 mm), with 1 LED, Wiring: Z diode

Commercial data

Item number	1458541
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	BF1GDA
Catalog page	Page 257 (C-2-2019)
GTIN	4046356638999
Weight per piece (including packing)	27.3 g
Weight per piece (excluding packing)	26.7 g
Customs tariff number	85366990
Country of origin	PL

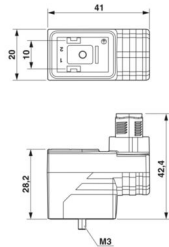# SAC-3P-MS/B-1L-Z SCO - Valve connectors

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Technical data

Product properties

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

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Dimensions

Dimensional drawing	
Width	20 mm
Height	42.4 mm
Length	41 mm

Connection data

Connection method	M12 connector
Tightening torque	0.6 Nm (valve plug)

Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U_N	24 V AC
	24 V DC
Nominal current I_N	4 A
Protective circuit	Z diode

Valve connector characteristics

Fixing screws	M3 x 29
Pulse power	40 W (at 100 µs square-wave pulse)
Terminal voltage	70 V (at 2 mA constant current)
Reverse voltage	50 V

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (valve plug)
	≥ 100 (M12 connector)

Material specifications

Flammability rating according to UL 94	HB
Seal material	TPU
Material housing valve plug	TPU
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PA 66
Contact material	CuSn
Valve plug contact insert material	PA 6.6
Contact surface material	Sn
Material for screw connection	Zinc die-cast, nickel-plated

Signaling

Status display	Yellow LED
Status display present	Yes

Connector

Connection 1

Type	Plug straight M12
Number of positions	3
Coding type	A

Connection 2

Type	Valve connector B (10 mm)
Number of positions	3
Material	CuSn (Contact)
	Sn (Contact surface)
	PA 6.6 (Contact carriers)
	TPU (Housing)

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

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

Valve connector

Valve connector	
Standard designation	Valve connector
Standards/specifications	EN 175301-803

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Classifications

ECLASS

ECLASS-11.0	27440105
ECLASS-12.0	27440105
ECLASS-13.0	27440105

ETIM

ETIM 9.0	EC003623

UNSPSC

UNSPSC 21.0	31251500

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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"