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Double valve connector adapter - SAC-MR/0,2-802/2XA-1L-Z SCO - 1412339

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Double valve connector adapter, npn, 4-position, PUR halogen-free, gray, Plug angled M12 SPEEDCON, A-coded, on Valve connector A, with 1 LED, connected with Z diode and Valve connector A, with 1 LED, Valve connector distance: 0.2 m

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 958370

Technical data

Dimensions

Valve connector distance	0.2 m
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (valve plug)
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General

Rated current at 40°C	4 A
Rated voltage	24 V AC/DC
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Signal type/category	npn
Status display	1 LED
Protective circuit/component	Z diode
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	valve plug

Material

Flammability rating according to UL 94	HB
Contact material	CuSn

Double valve connector adapter - SAC-MR/0,2-802/2XA-1L-Z SCO - 1412339

Technical data

Material

Contact surface material	Ni/Au
Contact carrier material	PA 66
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)

Standards and Regulations

Flammability rating according to UL 94	HB
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Cable

Note	Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.
Cable type	PUR, halogen-free, highly stranded, resistant to welding sparks, gray
Cable type (abbreviation)	802
Cable abbreviation	Li12Y11Y-HF
Conductor cross section	3x 0.5 mm ² (Signal line)
AWG signal line	20
Conductor structure signal line	28x 0.15 mm
Core diameter including insulation	1.5 mm ±0.05 mm (Signal line)
Wire colors	black 1, black 2, green/yellow
Overall twist	Wires twisted in layers
External sheath, color	gray RAL 7001
External cable diameter D	4.5 mm ±0.2 mm
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	5 x D
Number of bending cycles	15000000
Bending radius	50 mm
Traversing path	0.9 m
Traversing rate	5 m/s
Acceleration	30 m/s ²
Torsion force	± 360 °/m
Cable weight	31 kg/km
Outer sheath, material	PUR
Material conductor insulation	PES
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 20 MΩ*km
Conductor resistance	39 Ω/km (at 20 °C)
Nominal voltage, cable	300 V

Double valve connector adapter - SAC-MR/0,2-802/2XA-1L-Z SCO - 1412339

Technical data

Cable

Test voltage, cable	1200 V
Special properties	Sheath resistant to welding beads, can be recycled, matt, without adhesion, wear-resistant, flame resistant and self-extinguishing
	Free from silicone and cadmium
	Free of substances which would hinder coating with paint or varnish
Flame resistance	DIN VDE 0472 part 804, test type B
	IEC 60332-1
	in acc. with UL FT-2
Halogen-free	The cable is halogen-free
Resistance to oil	As per VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-30 °C ... 90 °C (cable, flexible installation)
	to 120 °C (for 3000 h)

Classifications

eCl@ss

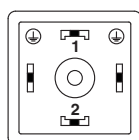
eCl@ss 5.1	27061801
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eCl@ss 8.0	27279218

ETIM

ETIM 4.0	EC002498
ETIM 5.0	EC001855

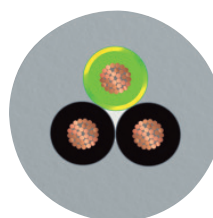
Drawings

Schematic diagram



Valve connector pin assignment, type A

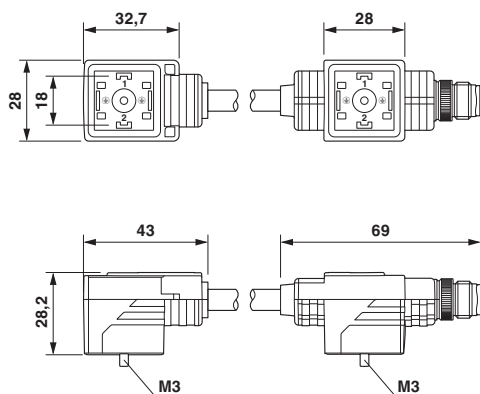
Cable cross section



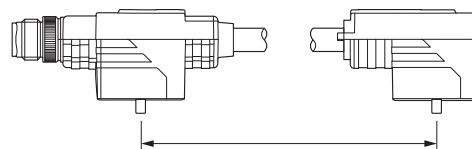
PUR, halogen-free, highly stranded, resistant to welding sparks, gray [802]

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Dimensional drawing



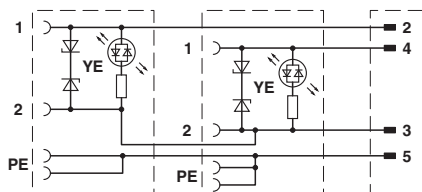
Dimensional drawing



Valve connector spacing

Double valve connector, 2x type A

Circuit diagram



Contact assignment of the double-valve connector

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