

# SAC-MS/0,15-116/2XA-1L-Z SCO - Double valve connector adapter



1458114

<https://www.phoenixcontact.com/us/products/1458114>

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Double valve connector adapter, Universal, 4-position, PUR/PVC, black RAL 9005, Plug straight M12 SPEEDCON, coding: A, on Valve connector A, with 1 LED, Wiring: Z diode and Valve connector A, with 1 LED, Wiring: Z diode, valve connector spacing: 0.15 m

## Your advantages

- Easy and safe: 100 % electrically tested plug-in components
- Efficient: control valves with two connections via a single connecting cable
- Convenient: increased machine availability thanks to quick and easy diagnostics

## Commercial data

Item number	1458114
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF07
Product key	BF1DPA
Catalog page	Page 258 (C-2-2019)
GTIN	4046356638531
Weight per piece (including packing)	67.6 g
Weight per piece (excluding packing)	67.6 g
Customs tariff number	85444290
Country of origin	PL

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## Technical data

### Product properties

Product type	Valve connector adapter
Sensor type	Universal
Number of positions	4
No. of cable outlets	1
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Connection data

Tightening torque	0.6 Nm (valve plug)
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### Electrical properties

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

### Valve connector characteristics

Fixing screws	M3 x 29
Pulse power	40 W (at 100 $\mu$ s 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)
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### 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 6.6
Contact material	CuSn
Valve plug contact insert material	PA 6.6
Contact surface material	Sn

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Material for screw connection	Zinc die-cast, nickel-plated
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## Signaling

Status display	1 LED
Status display present	Yes

## Connector

### Connection 1

Type	Plug straight M12 SPEEDCON
Number of positions	4
Locking type	SPEEDCON
Coding type	A

### Connection 2

Type	Valve connector A
Material	CuSn (Contact)
	Sn (Contact surface)
	PA 6.6 (Contact carriers)
	TPU (Housing)

### Connection 3

Type	Valve connector A
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

Standard designation	Valve connector
Standards/specifications	EN 175301-803

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## Classifications

### ECLASS

ECLASS-11.0	27060312
ECLASS-12.0	27060312
ECLASS-13.0	27060312

### ETIM

ETIM 9.0	EC001855
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### UNSPSC

UNSPSC 21.0	31251500
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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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