

1458334

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Double valve connector adapter, Universal, 4-position, PUR/PVC, black RAL 9005, Plug angled M12 SPEEDCON, coding: A, on Valve connector B (10 mm), with 1 LED, Wiring: Z diode and Valve connector B (10 mm), with 1 LED, Wiring: Z diode, valve connector spacing: 0.2 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	1458334
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF07
Product key	AF1DQA
Catalog page	Page 259 (C-2-2019)
GTIN	4046356638777
Weight per piece (including packing)	58.6 g
Weight per piece (excluding packing)	58.6 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 connector)

### Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	24 V AC
	24 V DC
Nominal current I <sub>N</sub>	4 A

#### 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 connector)

### Material specifications

Flammability rating according to UL 94	НВ
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
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

Туре	Plug angled M12 SPEEDCON
Locking type	SPEEDCON
Coding type	A

#### Connection 2

Туре	Valve connector B (10 mm)
Material	CuSn (Contact)
	Sn (Contact surface)
	PA 6.6 (Contact carrier)
	TPU (Housing)
Protective circuit	Z diode

#### Connection 3

Туре	Valve connector B (10 mm)
Material	CuSn (Contact)
	Sn (Contact surface)
	PA 6.6 (Contact carrier)
	TPU (Housing)
Protective circuit	Z diode

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C 85 °C (Valve connector)

### Standards and regulations

#### M12

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

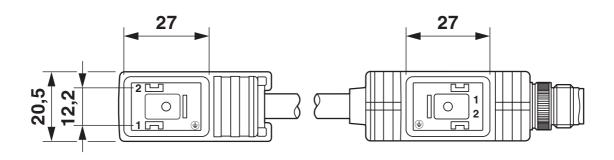


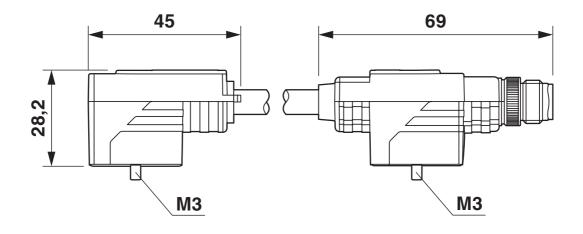
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## Drawings

## Dimensional drawing





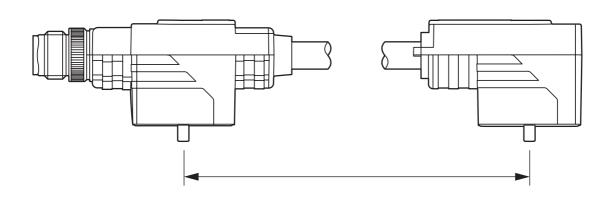
Double valve plug, 2 x type B



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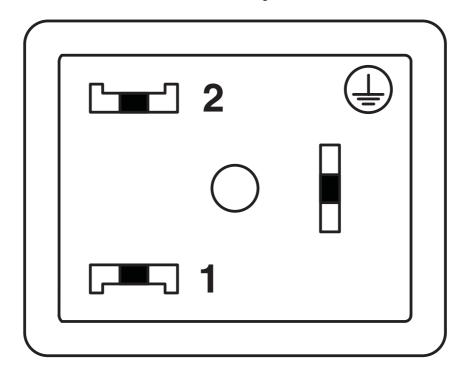
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### Dimensional drawing



Valve connector spacing

### Schematic diagram



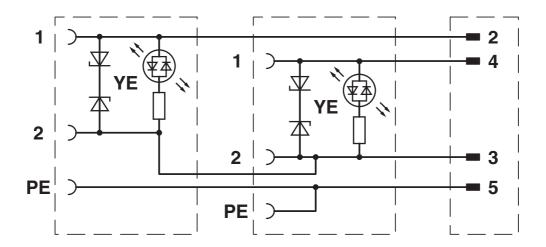
Valve connector pin assignment, type B



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## Circuit diagram



Contact assignment of the double-valve connector



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## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1458334

CSAus Approval ID: 13631					
		Nominal voltage $U_N$	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		24 V	4 A	-	-



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## Classifications

UNSPSC 21.0

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	ECLASS-13.0	27060312	
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	ETIM 9.0	EC001855	
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## Environmental product compliance

#### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-l
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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