

1452259

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Valve connectors, Universal, 3-position, Valve connector BI (11 mm), Screw connection, cable gland M16, external cable diameter 6 mm ... 8 mm

Commercial data

Item number	1452259
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF36
Product key	BF2DCA
Catalog page	Page 30 (C-2-2019)
GTIN	4046356536424
Weight per piece (including packing)	25 g
Weight per piece (excluding packing)	24.8 g
Customs tariff number	85366990
Country of origin	HU



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Technical data

Notes

Assembly note	NOTE: Observe the permissible bending radii when routing
	cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.

Product properties

Product type	Valve connectors
Sensor type	Universal
Number of positions	3
No. of cable outlets	1
Shielded	no
Pg screw connection	M16

Data management status

Article revision 03	
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Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	НВ
Seal material	NBR
Material housing valve plug	PA
Contact material	CuZn
Contact surface material	CuSn

Dimensions

Dimensional drawing	
Width	21 mm
Height	33.2 mm
Length	40.5 mm
External dimensions	
Outside diameter	6 mm 8 mm

Electrical properties

Contact resistance	≤ 4 mΩ



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Insulation resistance	> 2 GΩ
Nominal voltage U _N	230 V AC
	230 V DC
Nominal current I _N	1.5 A
Protective circuit	Surge protection; Varistor
Valve connector characteristics	
Fixing screws	M3 x 33,5

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50 (Valve connector)
moor don marawar cycloc	oo (varvo comicotor)

Signaling

Status display	LED (yellow)
Status display present	Yes

Connection data

Connection method	Screw connection
Conductor cross section	0.25 mm² 1.5 mm²
Connection cross section AWG	24 16
Tightening torque	1.8 Nm ±0.2 Nm (Pressure screw)
	0.4 Nm ±0.1 Nm (Central screw)
	0.2 Nm ±0.1 Nm (Contact screw)

Connector

Connection 1

Head design	Valve connector
Head thread type	BI (11 mm)

Environmental and real-life conditions

Ambient conditions

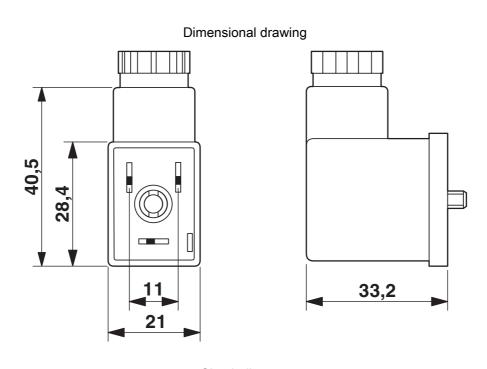
Degree of protection	IP65
Ambient temperature (operation)	-25 °C 60 °C (valve plug)



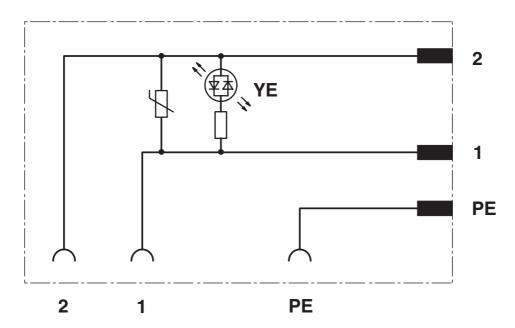
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Drawings



Circuit diagram





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Approvals

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EAC

Approval ID: RU C-DE.BL08.B.00511



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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

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-25
	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.)	Lead(CAS: 7439-92-1)
SCIP	3742aa14-a885-4660-87ea-397b3153d1fc

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