

1671137

<https://www.phoenixcontact.com/au/products/1671137>

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Valve connector, Universal, 3-position, Valve connector A, Screw connection, cable gland Pg9, external cable diameter 6 mm ... 8 mm

Commercial data

| | |
|--------------------------------------|--------------------|
| Item number | 1671137 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AF2DAA |
| Product key | AF2DAA |
| Catalog page | Page 29 (C-2-2019) |
| GTIN | 4017918134983 |
| Weight per piece (including packing) | 36 g |
| Weight per piece (excluding packing) | 34.6 g |
| Customs tariff number | 85366990 |
| Country of origin | CZ |

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 | Pg9 |

Insulation characteristics

| | |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution | 3 |

Material specifications

| | |
|--|------|
| Flammability rating according to UL 94 | HB |
| Material housing valve plug | PA |
| Contact material | CuSn |
| Valve plug contact insert material | PBT |
| Contact surface material | Ag |

Dimensions

External dimensions

| | |
|------------------|---------------|
| Outside diameter | 6 mm ... 8 mm |
|------------------|---------------|

Electrical properties

| | |
|-----------------------|---------------------------|
| Contact resistance | $\leq 4 \text{ m}\Omega$ |
| Insulation resistance | $> 2 \text{ G}\Omega$ |
| Nominal voltage U_N | 24 V AC |
| | 24 V DC |
| Nominal current I_N | 4 A |
| Protective circuit | Surge protection; Z diode |

Mechanical properties

Mechanical data

| | |
|-----------------------------|----------------------|
| Insertion/withdrawal cycles | 50 (Valve connector) |
|-----------------------------|----------------------|

Signaling

SACC-V-3CON-PG9/A-1L-S - Valve connector



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| | |
|------------------------|--------------|
| Status display | LED (yellow) |
| Status display present | yes |

Connection data

| | |
|------------------------------|--|
| Connection method | Screw connection |
| Conductor cross section | 0.34 mm ² ... 2.5 mm ² |
| Connection cross section AWG | 22 ... 13 |

Connector

Connection 1

| | |
|------------------|-----------------|
| Head design | Valve connector |
| Head thread type | A |

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------------------------|
| Degree of protection | IP65 |
| Ambient temperature (operation) (Valve connector) | -25 °C ... 60 °C (Valve connector) |

Standards and regulations

Valve connector

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

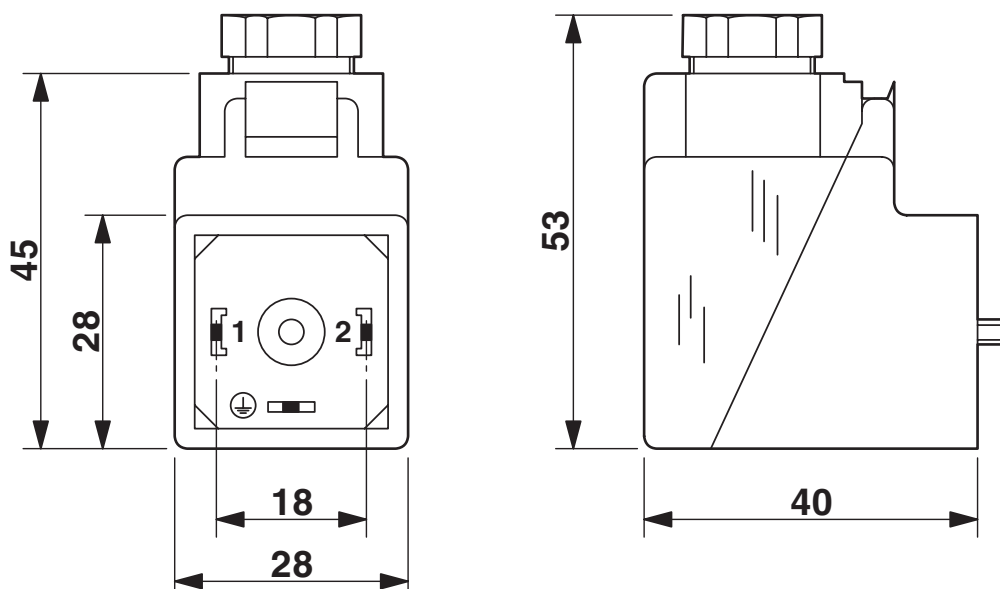
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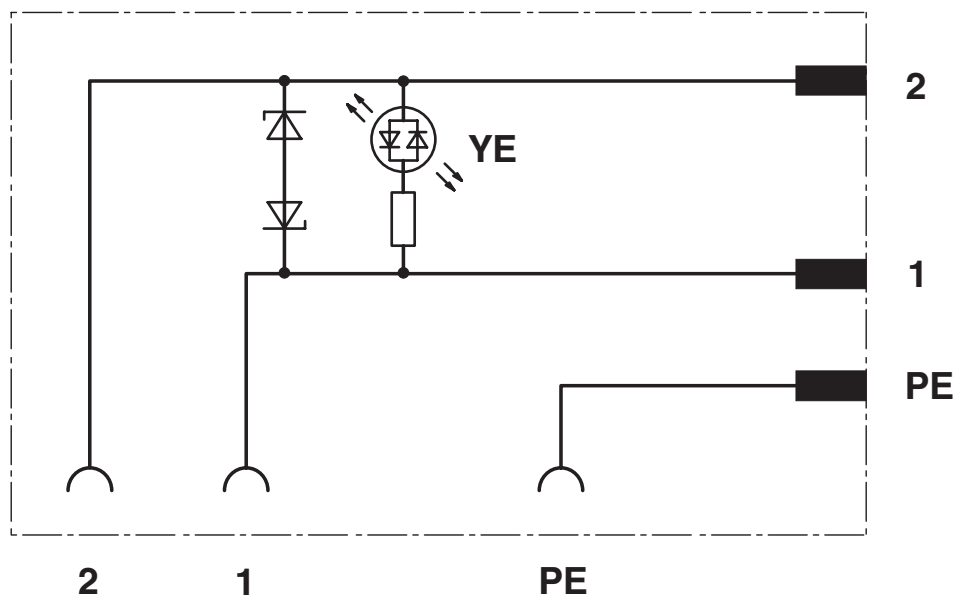
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Drawings

Dimensional drawing



Circuit diagram



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Classifications

ECLASS

| | |
|-------------|----------|
| 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), 7(c)-I |

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 | b6f0b717-6946-499a-9034-dfe17dc0625e |

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