**Product data sheet**

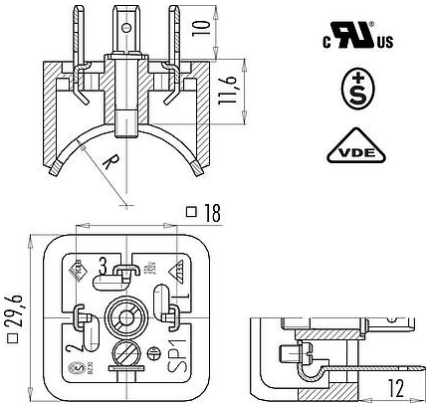
# Automation technology - Solenoid valve connectors

| | |
|---|---|
| Product description | **Male power connector, contacts angled inwards, Contacts: 2+PE, unshielded, solder, IP40 without seal, UL, ESTI+, VDE** |
| Area | **Size A** |
| Series | **210** |
| Part no. | **43 1717 022 03** |

## Illustration (may vary)



## Scale drawing




## Technical data

### General features

| | |
|---|---|
| Part no. | 43 1717 022 03 |
| Connector design | Male power connector, contacts angled inwards |
| Type standard | DIN EN 175301-803 |
| Version | Connector pin straight |
| Connector locking system | Central bolt |
| Termination | solder |
| Degree of protection | IP40 without seal<br>IP65 with seal, see accessories |
| Connection cross-section | 1.00 mm² / AWG 17 |
| Temperature range from/to | -40 °C / 125 °C |
| Mechanical operation | > 50 Mating cycles |
| Radius | 20 mm |
| Weight (g) | 10.71 |
| Customs tariff number | 85369010 |
| Country of Origin | HU |

### Electrical parameters

| | |
|---|---|
| Rated voltage | 250 V |
| Rated impulse voltage | 4000 V |
| Rated current | 10.0 A |
| Insulation resistance | ≥ $10^{10}$ Ω |
| Pollution degree | 3 |
| Overvoltage category | III |

**Product data sheet**

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| | |
|---|---|
| Insulating material group | III |
| EMC compliance | unshielded |

## Material

| | |
|---|---|
| Housing material | PA (UL94 HB) |
| Contact body material | PA (UL94 HB) |
| Contact material | CuZn (brass) |
| Contact plating | Sn (tin) |
| REACH SVHC | CAS 7439-92-1 (Lead) |
| SCIP number | 3fad6f91-06f7-4b57-9f68-199edfacdb0b |

## Authorization/approvals

| | |
|---|---|
| Approvals | UL, ESTI+, VDE |

## Classifications

| | |
|---|---|
| eCl@ss 11.1 | 27-06-03-11 |
| ETIM 9.0 | EC002635 |

## Declarations of conformity

| | |
|---|---|
| Low Voltage Directive | EN 60529:1991 \| EN 60204-1:2018 |

## Trade-Compliance

| | |
|---|---|
| Copper (9903.78.01) | 0.000346 kg |

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## Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".