

# Product data sheet

## Automation technology - Solenoid valve connectors

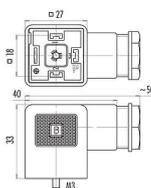


Product description	Female power connector, Contacts: 3+PE, 6.0-8.0 mm, unshielded, screw clamp, IP40 without seal, VDE, ESTI+, PG 9
Area	Size A
Series	210
Part no.	43 1706 000 04

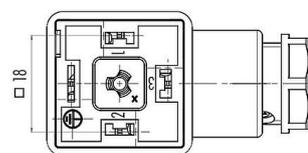
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

## Technical data

### General features

Part no.	43 1706 000 04
Connector design	Female power connector
Type standard	DIN EN 175301-803
Version	Connector socket straight
Connector locking system	Central bolt
Termination	screw clamp
Degree of protection	IP40 without seal IP65 with seal, see accessories
Connection cross-section	0.34-1.50 mm <sup>2</sup>
Cable outlet	6.0-8.0 mm
Temperature range from/to	-30 °C / 120 °C
Mechanical operation	> 50 Mating cycles
Weight (g)	25.74
Customs tariff number	85369010
Country of Origin	HU

### Electrical parameters

Rated voltage	250 V
Rated impulse voltage	4000 V
Rated current	10.0 A
Pollution degree	3
Overvoltage category	III
Insulating material group	III



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EMC compliance	unshielded
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### Material

Housing material	PA
Contact body material	PA (UL94 HB)
Contact material	CuSn (bronze)
Contact plating	Ni (nickel)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	48b8edd2-f6e5-4efa-b050-c9e9bd55e180

### Authorization/approvals

Approvals	VDE, ESTI+
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### Classifications

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

### Declarations of conformity

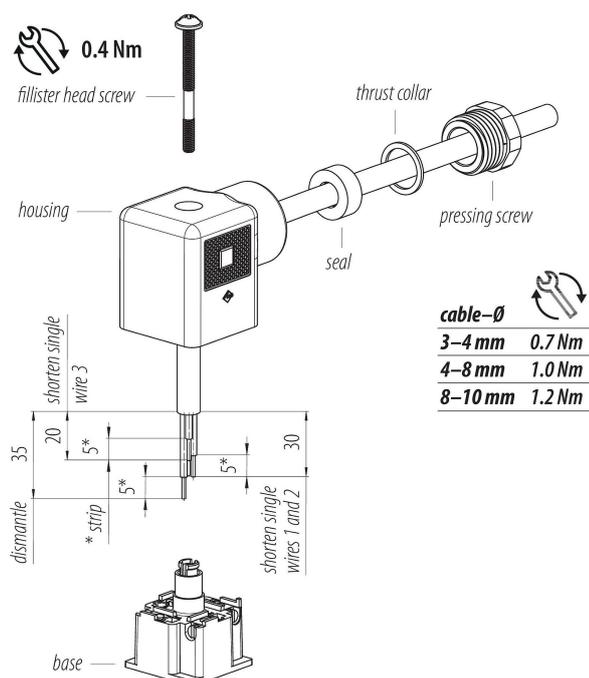
Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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### Assembly instructions

1. Bead pressing screw, thrust collar, seal and housing to cable.
2. Dismantle cable to 35 mm.
3. Shorten single wires:  
contact 1 and 2: 30 mm, contact 3: 20 mm
4. Strip all single wires 5mm.
5. Unscrew the screws from the contacts.
6. Insert single wires into contacts and clamp with screws (0.4 Nm).
7. Insert the base into the housing until it clicks into place.  
If necessary, carefully tighten cable on the connection side.
8. Insert the fillister head screw through housing and base.  
Secures base to housing.
9. Push seal, thrust collar and pressing screw onto housing and tighten. Ensure that the cable is pushed into the housing and not pulled out.
10. Then plug in female power connector and tighten fillister head screw (0.4 Nm).

#### Note:

If cable strain relief is required, this must be provided externally.



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## General Disclaim Notice

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".