Product data sheet

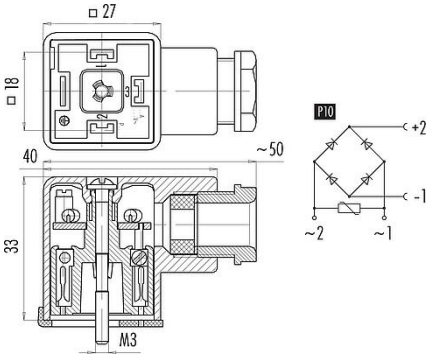
Automation technology - Solenoid valve connectors

Product description	**Female power connector, Contacts: 2+PE, 6.0-8.0 mm, unshielded, screw clamp, IP40 without seal, PG 9, Circuit P10**
Area	**Size A**
Series	**210**
Part no.	**43 1726 110 03**

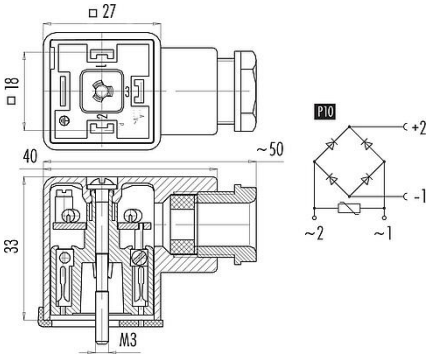
Illustration (may vary)



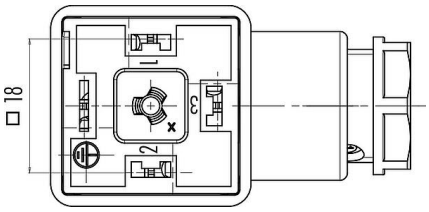
Pin assignment plans



Scale drawing



Contact arrangement (Plug-in side)



You can find the assembly instructions on the next page.

Technical data

General features

Part no.	43 1726 110 03
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 mm²
Cable outlet	6.0-8.0 mm
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 50 Mating cycles
Weight (g)	29.19

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Customs tariff number	85369010
Country of Origin	HU

Electrical parameters

Rated voltage	230 V
Rated impulse voltage	4000 V
Rated current	2.0 A
Insulation resistance	≥ 10^{10} Ω
Pollution degree	3
Overvoltage category	III
Insulating material group	III
EMC compliance	unshielded
Wiring	P10

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	ea554409-5255-4c5f-98b8-1ecb060636f7

Authorization/approvals

Norms and regulations	DIN EN 61373 DIN EN 45545-2 (unclassified flammable mass <100g)

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

Product data sheet

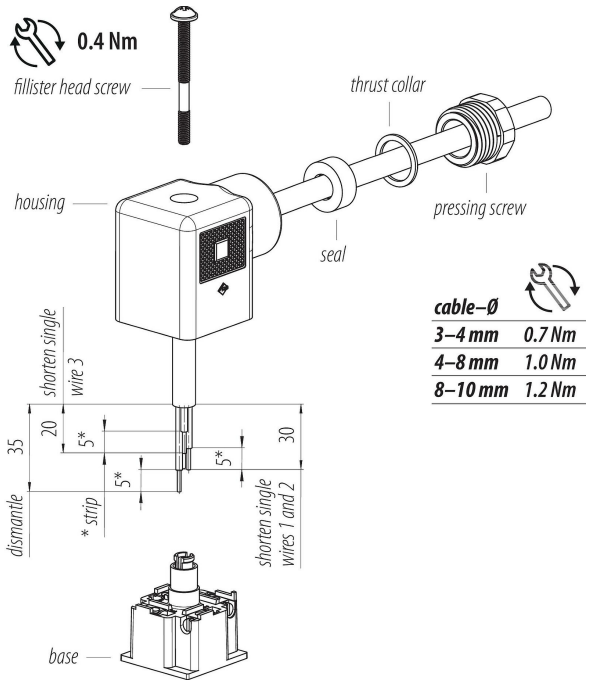
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Assembly instructions

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. *Stip 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.



cable–Ø	
3–4 mm	0.7 Nm
4–8 mm	1.0 Nm
8–10 mm	1.2 Nm

Product data sheet

Automation technology - Solenoid valve connectors

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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".