Product data sheet

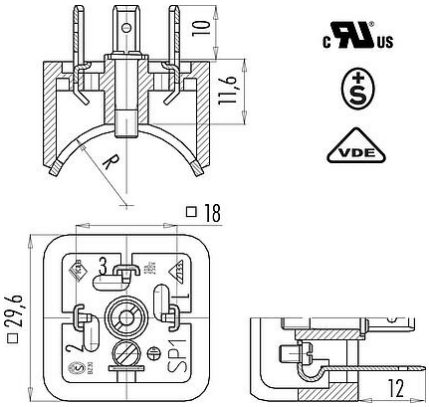
Automation technology - Solenoid valve connectors

Product description	**Male power connector, contacts angled inwards, Contacts: 3+PE, unshielded, solder, IP40 without seal, UL, ESTI+, VDE**
Area	**Size A**
Series	**210**
Part no.	**43 1719 028 04**

Illustration (may vary)



Scale drawing



Technical data

General features

Part no.	43 1719 028 04
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 IP65 with seal, see accessories
Connection cross-section	1.00 mm² / AWG 17
Temperature range from/to	-25 °C / 100 °C
Mechanical operation	> 50 Mating cycles
Radius	41
Weight (g)	10.57
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

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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	a63dcd71-92d0-411f-acd0-c56d6b104d52

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".