

Product data sheet

Automation technology - solenoid valve connectors



Product description **Size B Female solenoid valve connector, Contacts: 2+PE, unshielded, moulded on the cable, IP67, PUR, Circuit Z10, 5 m**

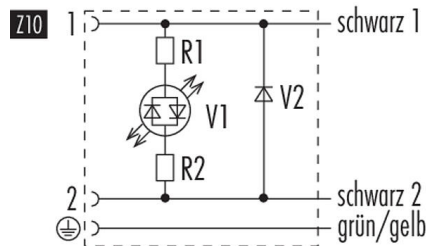
Area **Size B series 220**

Part no. **30 5537 500 510**

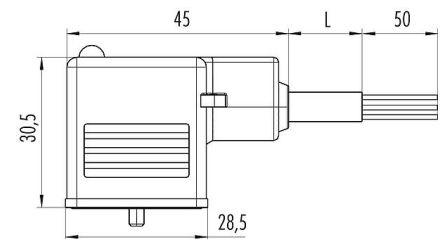
Illustration



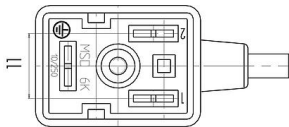
Pin assignment plans



Scale drawing



Contact arrangement (Plug-in side)



2+PE
 1 black 1
 2 black 2
 PE green/yellow

Technical data

General features

Part no.	30 5537 500 510
	Alternative part no.: 30 1313 500 510
Notice	Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.
Connector design	Female solenoid valve connector
Cable length	5 m
Version	Connector socket angled
Connector locking system	Central bolt
Termination	moulded on the cable
Degree of protection	IP67
Cross-sectional area	0.75 mm ² / AWG 18
Temperature range from/to	-25 °C / 80 °C
Mechanical operation	> 50 Mating cycles
Additional information	Circuit Z10
Weight (g)	290.00
Customs tariff number	85444290

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Electrical parameters

Rated voltage	24 V
Rated impulse voltage	800 V
Rated current (40 °C)	4.0 A
Insulation resistance	$\geq 10^{10} \Omega$
Pollution degree	3
Overvoltage category	III
Insulating material group	I
EMC compliance	unshielded
Wiring	Z10

Material

Contact body material	PA
Contact material	CuSn (bronze)
Contact plating	Sn (tin)
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Classifications

eCl@ss 11.1	27-06-03-11
ETIM 7.0	EC001855

Declarations of conformity

RoHS Directive	2011/65/EU (EN 50581:2012)
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Cable data - Structure of the cable

Cable diameter	5.9 mm
Sheath material	PUR
Single-lead structure	3 x 0.75 mm

Cable data - Other features

Halogen free	yes
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Security notices

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.

The user must take appropriate safety precautions to ensure that the connector cannot be accidentally disconnected. In addition, the user must ensure that the cable is suitably secured.