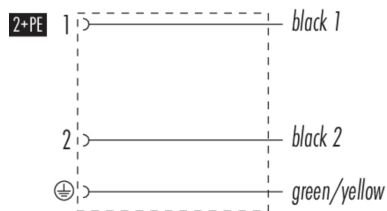


Product description	Size B (industry) solenoid socket, Contacts: 2+PE, unshielded, moulded on cable, IP67, PUR black
Area	Size B (industry) series 220
Order number	30 5535 300 000

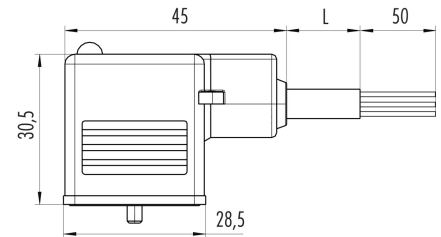
Illustration



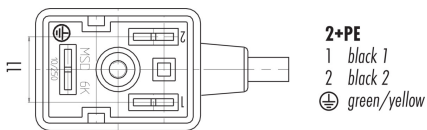
Pin assignment plans



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Order number	30 5535 300 000 Alternative order number: 30 1313 300 000
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	solenoid socket
Cable length	3 m
Version	connector female angled
Connector locking system	central bolt
Termination	moulded on 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
Weight (g)	190
Customs tariff number	85444290

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Electrical parameters

Rated voltage	230 V
Rated impulse voltage	4000 V
Rated current (40 °C)	10 A
Insulation resistance	$\geq 10^{10} \Omega$
Pollution degree	3
Overvoltage category	III
Insulating material group	I
EMC compliance	unshielded

Material

Contact body material	PA
Contact material	CuSn (bronze)
Contact plating	Sn (tin)
REACH SVHC	None (No pollutants)
SCIP number	None (No pollutants)

Classifications

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

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
RoHS Directive	2011/65/EU (EN 50581:2012)

Cable data - Structure of the cable

Cable diameter	5.9 mm
Sheath material	PUR
Single-lead structure	3 x 0,75 mm
Cable color	black

Cable data - Other features

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