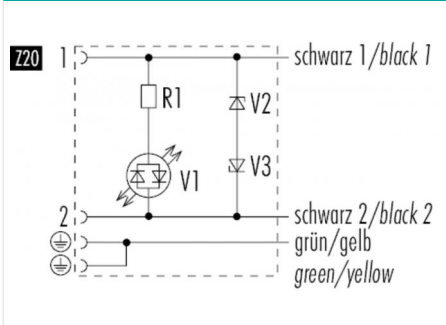


Product description	Size C (industry) solenoid socket, Contacts: 2+2PE, unshielded, IP67, PUR black
Area	Size C (industry) series 230
Order number	33 5937 300 520

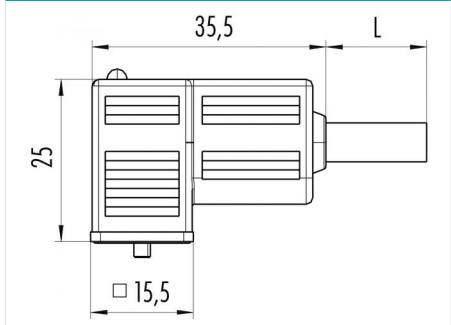
### Illustration



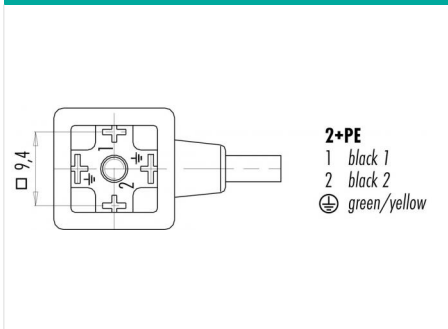
### Cable design



### Scale drawing



### Contact arrangement (Plug-in side)



## Technical data

### General values

Connector design	solenoid socket
Connector locking system	central bolt
Wire gauge (mm)	0.75 mm <sup>2</sup>
Wire gauge (AWG)	AWG 18
Upper limit temperature	80 °C
Lower limit temperature	-25 °C
Customs tariff number	85444290

### Cable data

Cable length	3 m
Sheath material	PUR
Halogen free	Yes
Single-lead structure	4 x 0,75 mm
Cable diameter	5.9 mm
Cable color	black

### Electrical values

Rated current (40 °C)	4 A
Rated voltage	24 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Insulation resistance	≥ 10 <sup>10</sup> Ω
EMC compliance	unshielded
Degree of protection	IP67
Mechanical operation	> 50 Mating cycles
Wiring	Z20

### Material

Contact material	CuSn (bronze)
Contact plating	Ag (silver)
Contact body material	PBT
Housing material	PBT
REACH SVHC	CAS 7439-92-1 (Lead)

Product description	Size C (industry) solenoid socket, Contacts: 2+2PE, unshielded, IP67, PUR black
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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.

Plug connectors with enclosure protection IP 67 and IP 68 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.