

Product: [GSSR 300](#) 

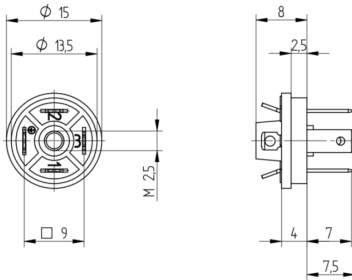


GSSR - Male Receptacle for Injection Molding, Form C, Contacts: 3+PE, solder type, 250 V | 6 A; cURus 1977

Product Description

Industrial Standard: Male Receptacle for Injection Molding, Form C, Contacts: 3+PE, solder type, 250 V | 6 A; cURus 1977

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Valve Connectors
Product Sub Family:	GSSR Industrial Standard
Brand:	Hirschmann
Connector Type:	Receptacle
Type of Contact / Gender:	Male
Connector Design:	Straight
Number of Pins:	3+PE
Coding:	C
Shielding:	Unshielded
Attachment Type:	Central Screw
Rated Voltage:	250 V
Rated Voltage (UL):	250 V
Rated Voltage (CSA):	300 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Rated Current*:	6 A
Rated Current (UL)*:	6 A
Rated Current (CSA)*:	6 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm

Mating Cycles:	≤ 50
Type of Connection:	Solder
Conductor Cross Section:	0.08 - 0.75 mm ²
Ambient Temperature (Operation)*:	-40 °C - +125 °C
Operating Temperature (UL):	max. + 65 °C
Operating Temperature (CSA):	max. + 65 °C
Protection Degree / IP Rating**:	IP65
Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Contact Plating:	Cu/Sn
Contact Bearer Material:	PA GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-2
Housing Color:	black

Approvals

UL-File:	E95522
UL:	UL 1977; UR
VDE:	yes
CSA:	yes
SEV:	yes

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Note Derating:	Notice derating
Protection Degree / IP Rating Note:	*IP Rating test performed by Belden with Belden Connectors only
Note:	Do not connect or disconnect under load.

Variants

Item #	Item Description	Packaging
933114100	GSSR 300	S - Bulk Packaging, 200 pieces per carton, unassembled

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