


## Product information

### M12 Receptacle connector, for sensors - RSE 5

Industrial Connecting Solutions: Circular Connectors: M8 - M12 Connectors: M12 Connectors: M12 Circular connector acc. to IEC 61076-2-101: M12 Receptacle Connectors: M12 Receptacle connector, for sensors

<https://e-catalog.hirschmann.com:443/link/57078-24228-256281-256292-256304-58429-58480-76128/en/RSG-05-k-v-x-z/uistate>

Name	M12 Receptacle connector, for sensors
	
	Receptacle connector, M12 male connector for sensors, press-in tube mounting, with short solder contacts, without antirotation protection, 5 poles, A coding, Pin 5 leading (Standard), without ventilation hole.
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Type	RSE 5
Order No.	11613
Description	Receptacle connector, M12 male connector for sensors, press-in tube mounting, with short solder contacts, without antirotation protection, 5 poles, A coding, Pin 5 leading (Standard), without ventilation hole.
Number of contacts	5
Color of housing	black
Product characteristics	Oil resistance
<b>Classification</b>	
Belden brand	Lumberg-Automation
Eclass-ID	27260702
<b>Mechanical data</b>	
Type of plug-in contact	Male connector
Design of housing	straight
Thread	M12
Design of electrical connection	plug-in connection
Coding of the M12 round plug connector	A
LED display present	✗
Connectable conductor cross-section multiple wire (without sleeve)	max. 0.5 mm <sup>2</sup>
connectable conductor cross-section multiple wire (without sleeve)	0.5 mm <sup>2</sup>
<b>Environmental conditions</b>	
Environmental temperature	-25 °C ... 80 °C
Pollution degree	3
<b>Materials</b>	
Contact bearer material	PA
Contact material	CuZn
Contact material - Surface refinement	pre-nickel and 0.8 microns gold-plated
Sealing material	FKM
<b>Electrical data</b>	
Contact resistance	≤ 5 mΩ
Rated current In	4 A at 40 °C, UL and notice derating
Nominal voltage	60 V, encapsulated
Rated voltage	63 V
Test voltage	1.5 kV eff./60 s
Insulation resistance	> 1 GΩ
<b>Approvals</b>	
Approvals	UL

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