

## 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>

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

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