



**Basic features**

<b>Approval/Conformity</b>	cURus EAC WEEE
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**Electrical connection**

<b>Cable diameter D</b>	2.5...5.4 mm
<b>Connection</b>	M8x1-Male, Straight, 3-pin, A-coded
<b>Number of connectable contacts</b>	3
<b>System</b>	Can be fabricated

**Electrical data**

<b>Operating voltage <math>U_b</math></b>	32 VDC / 32 VAC
<b>Rated current (40 °C)</b>	4.0 A

**Environmental conditions**

<b>Ambient temperature</b>	-40...85 °C
<b>Protection degree</b>	IP67

**Remarks**

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

**Material**

<b>Conductor insulation material</b>	PVC PP TPE
<b>Housing material</b>	PA Zinc, Die casting
<b>Material contact carrier</b>	PA
<b>Material contacts</b>	Copper alloy
<b>Material cover nut</b>	Brass nickel plated
<b>Material grip</b>	Plastic

**Mechanical data**

<b>Conductor diameter min.</b>	1 mm
<b>Connection cross-section</b>	0.14...0.34 mm <sup>2</sup>
<b>Connection cycles min.</b>	100
<b>Core diameter max.</b>	1.60 mm
<b>Tightening torque pigtail</b>	0.4 Nm
<b>Type of wire mounting</b>	Insulation displacement connector technology

## Connector Drawings

