



Basic features

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|----------------------------|----------------------|
| Approval/Conformity | cURus EAC WEEE |
|----------------------------|----------------------|

Electrical connection

| | |
|---------------------------------------|---------------------------------------|
| Cable diameter D | 2.5...5.4 mm |
| Connection | M8x1-Female, Straight, 4-pin, A-coded |
| Number of connectable contacts | 4 |
| System | Can be fabricated |

Electrical data

| | |
|---|-----------------|
| Operating voltage U_b | 32 VDC / 32 VAC |
| Rated current (40 °C) | 4.0 A |

Environmental conditions

| | |
|----------------------------|-------------|
| Ambient temperature | -40...85 °C |
| Protection degree | IP67 |

Material

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

Mechanical data

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

Remarks

max. connection frequency with same cable cross-section 10
 Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings

