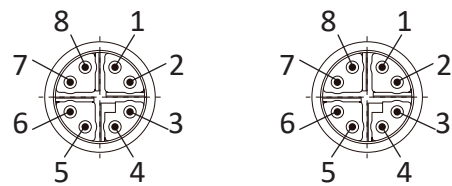


ARTICLE PROPERTIES

| | |
|-----------------------|---------------------|
| ARTICLE NUMBER | E11XB8*MXXX |
| SHAPE TYPE 1 | Male, M12, straight |
| SHAPE TYPE 2 | Male, M12, straight |
| NUMBER OF PINS | 8 |
| INTERFACE TYPE | X |



MECHANICAL DATA

| | |
|----------------------------------|---------------------------------|
| LOCKING | union nut, SW13, vibration lock |
| MATERIAL LOCKING | Zinc die casting, nickel plated |
| TIGHTENING TORQUE LOCKING | 0,6 Nm |
| MATERIAL GRIP | PUR |
| SYSTEM | moulded |
| WIRES | 4 x 2 twisted pairs |

ELECTRICAL DATA

| | |
|-----------------------------|-----------------|
| OPERATING VOLTAGE | 60 V DC |
| RATED CURRENT | 0,5 A |
| OPTICAL SHIELD COVER | ≥ 85 % |
| SHIELDING | shielded |
| TIA/EIA GRADE | Ethernet CAT 6a |
| TRANSFER RATE | 1000 Mbit/s |

ENVIRONMENTAL CONDITIONS

| | |
|----------------------------|-----------------------------|
| PROTECTION CLASS | IP67 inserted and tightened |
| AMBIENT TEMPERATURE | -30 ... 90 °C |

SUPPORT



APPROVALS



GENERAL CABLE PROPERTIES

THERMAL RESISTANCE (ONLY FOR PUR PRODUCT)

according to UL FT2

PROTECTION CLASS

according to IEC 60529 or ISO 20653, only when screwed together with the corresponding counterpart

CABLE LENGTHS X

All cable lengths are available on request.

EXAMPLE:

cable lengths 0,5 m -> E11XB8*M005

cable lengths 10 m -> E11XB8*M100

TOLERANCE CABLE LENGTHS

0 m < X ≤ 1,0 m +0,05 m

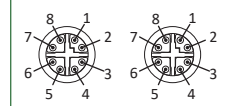
1,0 m < X ≤ 5,0 m +0,1 m

5,0 m < X +0,15 m

CABLE VARIANTS AND ASSIGNMENT OF WIRE INSULATION COLOR

| Article number cable /* | material jacket | color jacket | wire insulation | wire cross-section | cable-jacket-Ø | temperature range | bending cycles | Pin variant |
|-------------------------|-----------------|--------------|-----------------|--------------------|----------------|-------------------|----------------|-------------|
| 604 | PVC | grey | PE | 4 x 2 x 26 AWG | 6.2±0.3 mm | -40 °C ... 80 °C | no | 1 |
| 607 | PVC | green | PE | 4 x 2 x 26 AWG | 6.2±0.3 mm | -40 °C ... 80 °C | no | 1 |
| 605 | PUR | blue | PE | 4 x 2 x 26 AWG | 6.6±0.3 mm | -40 °C ... 80 °C | no | 1 |
| 608 | PUR | black | PE | 4 x 2 x 26 AWG | 6.6±0.3 mm | -40 °C ... 80 °C | no | 1 |
| 609 | PUR | green | PE | 4 x 2 x 26 AWG | 7.3±0.3 mm | -40 °C ... 80 °C | ≥ 5 Million | 1 |
| 632 | TPE | teal | PE | 4 x 2 x 26 AWG | 7.4±0.3 mm | -40 °C ... 80 °C | ≥ 5 Million | 1 |

| Pin variant | Pin 1 | Pin 2 | Pin 3 | Pin 4 | Pin 5 | Pin 6 | Pin 7 | Pin 8 |
|-------------|--------------|--------|-------------|-------|-------------|-------|------------|-------|
| 1 | white/orange | orange | white/green | green | white/brown | brown | white/blue | blue |



The information contained in this data sheet was compiled with the greatest possible care. Liability for correctness, completeness and topicality is limited to gross negligence.
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