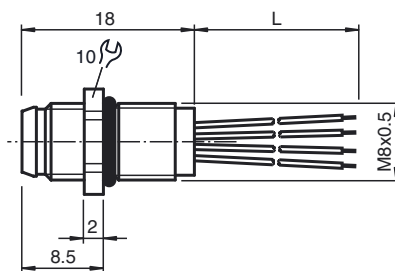




Dimensions



Model Number

V3S-M8-500

3-pin M8 receptacle

Features

- Front/screw mounting
- Halogen-free stranded wires
- Degree of protection IP67

Technical data

General specifications

| | |
|---------------------|----------------|
| Number of pins | 3 |
| Connection 1 | Male connector |
| Construction type 1 | straight |
| Threading 1 | M8 |
| Connection 2 | cable end |

Electrical specifications

| | | |
|-------------------|----------------|--------------|
| Operating voltage | U _B | max. 60 V DC |
| Operating current | | max. 4 A |
| Volume resistance | | < 3 mΩ |

Ambient conditions

| | |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 85 °C (-13 ... 185 °F) |
| Pollution Degree | 3 |

Mechanical specifications

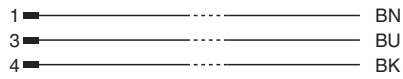
| | |
|------------------------|---|
| Pin diameter | 1 mm |
| Degree of protection | IP67 |
| Connection | Tinned copper single leads, Ø1.15 ±0.07mm |
| Material | |
| Contacts | Cu alloy |
| Contact surface | Au |
| Connector | brass, nickel-plated |
| Seal | Viton |
| Core insulation | TPE |
| Cable | |
| Cores | 3 x 0.25 mm ² |
| Conductor construction | 14 x 0.15 mm Ø |
| Length | L 500 mm |
| Installation | Front mounting M8 |

Electrical connection

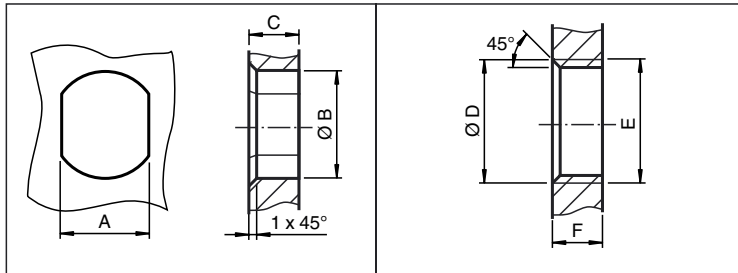


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Electrical connection



Installation Note



| | A | B | C | D | E | F |
|--------|----------------------|------------------------|----------|----------------------|---------|----------|
| M8 | 7.1 ^{+0.1} | Ø 8.2 ^{+0.1} | 2 - 4 mm | - | M8x0.5 | 2 - 4 mm |
| M12 | 11 ^{+0.1} | Ø 12.2 ^{+0.1} | < 4 mm | - | M12x1 | < 4.5 mm |
| M16 | 13.5 ^{+0.1} | Ø 16.1 | < 4.5 mm | Ø 17 ^{+0.2} | M16x1.5 | > 2.5 mm |
| M20 | 13.5 ^{+0.1} | Ø 20.1 | - | Ø 20 ^{+0.2} | M20x1.5 | < 6 mm |
| PG9 | 13.5 ^{+0.1} | Ø 15.3 ^{+0.1} | < 4.5 mm | Ø 16 | PG9 | > 2.5 mm |
| PG13.5 | 18.8 ^{+0.1} | Ø 20.5 ^{+0.1} | - | Ø 22 ^{±0.1} | PG13.5 | - |

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