



4-pin sensor cable

for use with vibration monitoring series
HE10x

1 Technical data

1.1 General data

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|---------------------------------|---|
| Special features | compatible with drag chain silicone-free free of substances harmful to wetting agents low-adhesion surface |
| flame resistance | in accordance with UL 758/1581 FT2 DIN EN 60332-2-2 (20 s) |
| free of halogens | in accordance with DIN VDE 0472 part 815 in accordance with DIN EN 50267-2-1 |
| oil resistance | in accordance with DIN EN 60811-2-1 |
| Other resistance | highly resistant to acids, alkalis, and solvents resistant to hydrolysis and microbes resistant to seawater limited UV resistance in accordance with DIN EN ISO 4892-2-A abrasion-resistant |
| protection class | IP65, IP67, IP68 |
| Ambient temperature (operation) | -40°C-80°C (cables, fixed installation) |

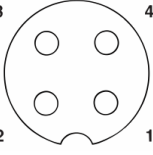
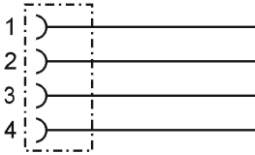
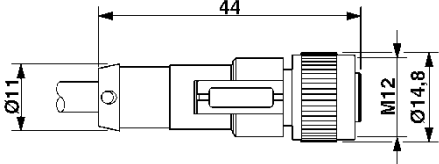
1.2 M12 connector

| | |
|-----------------------|-------------------------------|
| Number of contacts | 4 |
| Coding | A - Standard |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Tightening torque | 0.4 Nm (M12 connector) |
| Handle material | TPU |
| Knurl material | Die-cast zinc, nickel-plated |

1.3 Wire

| | |
|----------------------------------|---|
| Outer coating material | PUR |
| Conductor insulation | PP |
| Conductor cross-section | 4x 0.34 mm ² |
| Conductor colours | brown, white, blue, black |
| Shielding | braided from tin-plated copper wires, shield coverage 80% |
| Outer coating, colour | black grey RAL 7021 |
| Outer cable diameter D | 4.95 mm ±0.2 mm |
| Stripped length of open wire end | 50 mm |

1.4 Contact assignment

| | | |
|---|---|--|
|  |  |  |
| <p>Pin layout socket M12, 4-pin, A-coded, socket side view</p> | <p>M12 socket contact assignment</p> | <p>All measurements in mm.</p> |
| <p>Pin 1: brown Pin 3: blue Pin 2: white Pin 4: black</p> | | |

2 Order info

| Cable length in metres (m) | Item no. | Item description |
|----------------------------|----------|--|
| 2 | 10520 | Cable - 4-pin - 2m – shielded; M12 socket; coating: PUR/PVC; protection class: IP67 |
| 5 | 10521 | Cable - 4-pin - 5m – shielded; M12 socket; coating: PUR/PVC; protection class: IP67 |
| 10 | 10458 | Cable - 4-pin - 10m – shielded; M12 socket; coating: PUR/PVC; protection class: IP67 |
| 15 | 10680 | Cable - 4-pin - 15m – shielded; M12 socket; coating: PUR/PVC; protection class: IP67 |