

Sensor cable Typ C

4-pole, M12-socket on free cable end, shielded, applicable for HE050, Alternative earthing concept HE10x, Shield connected to knurl.



1 Technical data

1.1 General data

| | |
|---------------------------------|---|
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) -25 °C ... 80 °C (cable, flexible installation) |
| Degree of protection | IP65, IP67 |
| Special properties | Flexible cable conduit capable Silicone-free Free of substances which would hinder coating with paint or varnish Low adhesion surface |
| Halogen-free | In accordance with DIN VDE 0472 Teil 815 DIN EN 50267-2-1 |
| Flame resistance | In accordance with to UL 758/1581 FT2 DIN EN 60332-2-2 (20 s) |
| Resistance to oil | In accordance with DIN EN 60811-2-1 |
| Other resistance | Highly resistant to acids, alkaline solutions and solvents hydrolysis and microbe resistant resistant to salt water partly UV-resistant in accordance with DIN EN ISO 4892-2-A abrasion-resistant |

1.2 M12-socket

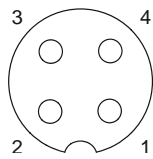
| | |
|-----------------------|---|
| Number of positions | 4 |
| Coding (by standard) | A-coding according to IEC 61076-2-101 |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Material of knurl | Zinc die-cast, nickel-plated |

1.3 Cable

| | |
|------------------------------|--|
| Outer sheath, material | PUR, black |
| Material conductor isolation | PP |
| Conductor cross section | 4x 0,34 mm ² |
| Wire colors | Brown, white, blue, black |
| Shielding | Tinned copper braided shield, optical shield covering 80% |
| Dimensions | External cable diameter 4,95mm ±0,2mm 50mm stripping length of the free conductor end |

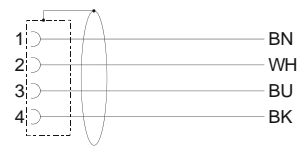
2 Drawings

Schematic diagram



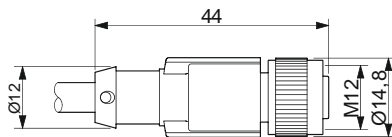
Contact assignment M12-socket

Circuit diagram



Contact assignment free cable end

Dimensional drawing



All dimensions in mm

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3 Ordering data

| | |
|---|---|
| Available standard cable lengths (Item No.) | 1,5m (13051), 3m (13052), 5m (12961), 10m (11888) Further extra lengths on request |
|---|---|