

## Sensor cable Typ B

8-pole, M12-socket on free cable end, shielded, applicable for 663, Shield not 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 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	-
Other resistance	Hydrolysis and microbe resistant Resistant to salt water Low adhesion Partly UV-resistant in accordance with DIN EN ISO 4892-2-A

#### 1.2 M12-socket

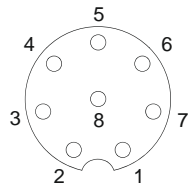
Number of positions	8
Coding (by standard)	A-coding according to IEC 61076-2-101
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material of knurl	Zinc die-cast, nickel-plated

#### 1.3 Cable

Outer sheath, material	PUR, black
Material conductor isolation	PP
Conductor cross section	8x 0,25 mm <sup>2</sup>
Wire colors	Brown, white, green, yellow, gray, pink, blue, red
Shielding	Tinned copper braided shield, optical shield covering 80%
Dimensions	External cable diameter 5,9mm ±0,2mm 50mm stripping length of the free conductor end

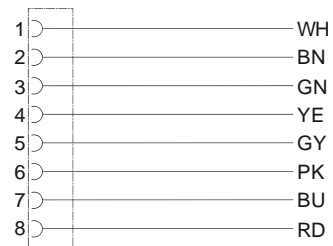
## 2 Drawings

Schematic diagram



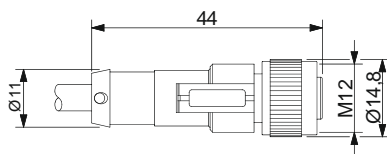
Contact assignment M12-socket

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 (13046), 3m (13047), 10m (10481), 15m (10677) Further lengths on request
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