General Accessories
M8 IP69K Connector Cables
Type CONB54-..W



- **IP69K version**
- **Straight or 90° connector**
- **M8 version**
- **4-wire**
- **Good resistance against chemicals**
- **High temperature - up to 105°C (UL 90°C)**
- **UL and ECOLAB approved**

Product Description

Highly robust IP69K connection cables for harsh environments. Especially suitable for use in washdown industries such as food & beverage, chemical and pharmaceutical industries thanks to the high standards of UL and ECOLAB. Featuring UL certified temperatures of up to 90°C, ECOLAB certification and IP69K protection class, the CONB IP69K connectors offer a guaranteed long term reliability even in the harshest environments. Moreover, the connectors are resistant to aggressive chemicals and cleaning agents adhering to high Ecolab standards which make them very suitable to be used in Food & Beverage industry.
For maximum flexibility, the connectors are available in straight or angled versions in M8 connector, 4 wires.

Ordering Key

CONB54NF-A2W

- **CONB**
- **5 = M8 DC**
- **4 = 4 wire (BN, BU, BK, WH)**
- **N= Not shielded**
- **F= Female**
- **A = Angled**
  S = Straight
- **2 = 2 metres**
  5 = 5 metres
- **W = Washdown**

Type Selection

Plug type	Cable length	Ordering number TPE
4-Wire Angled	2 m	CONB54NF-A2W
	5 m	CONB54NF-A5W
4-Wire Straight	2 m	CONB54NF-S2W
	5 m	CONB54NF-S5W

Specifications

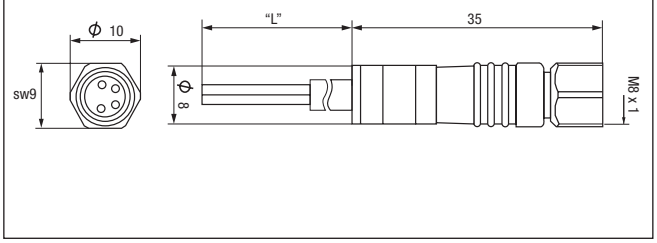
Rated operating voltage (U_B)	30V AC/DC
Output current	≤ 4 A
Contact resistance	≤ 5 mΩ
Contact material Coating	Cu/Sn Cu/Au
Contact bearer material	PP white
Temperature	-40° to +105°C (90°C UL) -40° to +221°F (194°F UL)
Degree of protection	IP69K
O-ring sealing	EPDM
Rated Impulse Voltage Insulation resistance	0.8 kV > 10^9Ω
Moulded body material	PP white
Union Locking nut	V4A

Tightening torque	0.5 Nm
Connection cable	TPE orange
Wire cross section	4 x 0.25 mm² (jacket Ø 4.7 mm)
Weight 2 m version 5 m version	 approx 54g approx 130g
Pollution degree	3
Overvoltage category	III

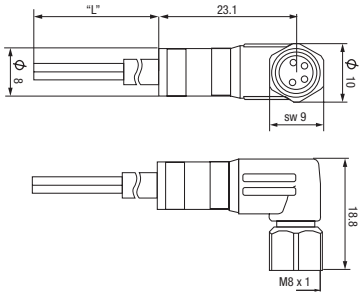
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Dimensions

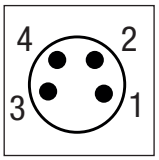
Straight Version



Angled Version



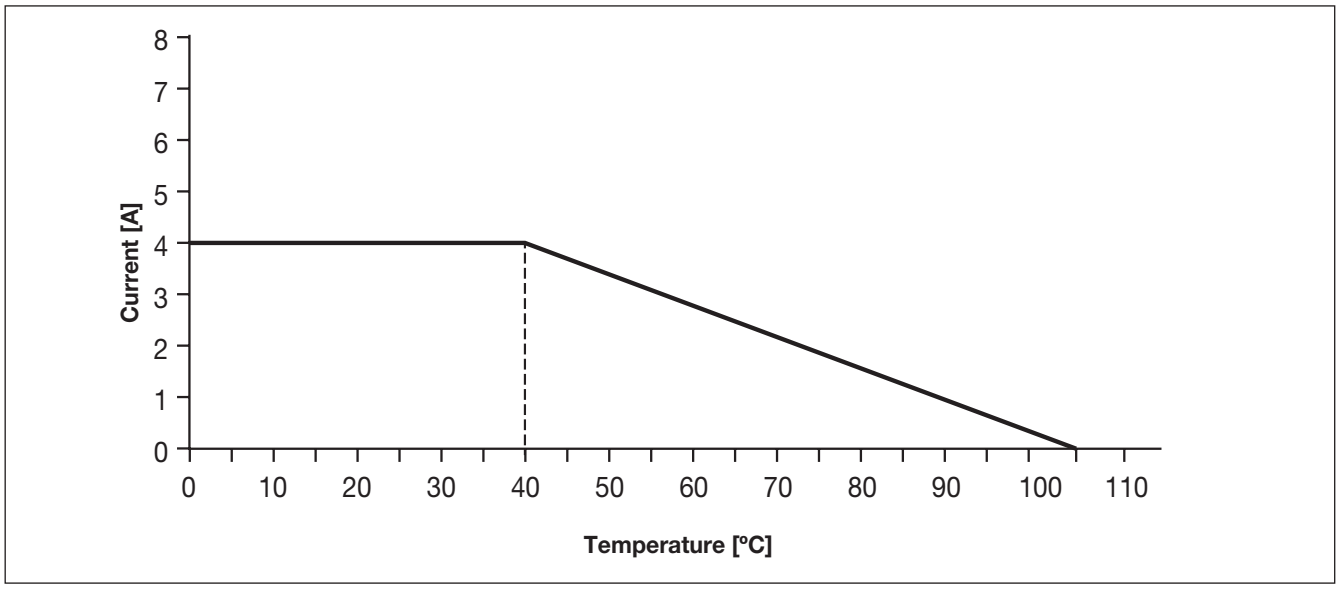
Contact layout



Colour Code

1 Brown
2 White
3 Blue
4 Black

Derating Curve (DIN EN 60512-5-2)



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