

# General Accessories

## M8 IP69K Connector Cables

### Type CONB54-..W

CARLO GAVAZZI



- 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**



### Type Selection

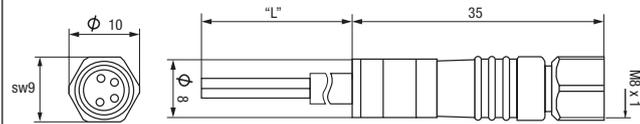
Plug type	Cable length	Ordering number TPE
4-Wire Angled	2 m	CONB54NF-A2W
	5 m	CONB54NF-A5W
4-Wire Straight	2 m	CONB54NF-S2W
	5 m	CONB54NF-S5W

### Specifications

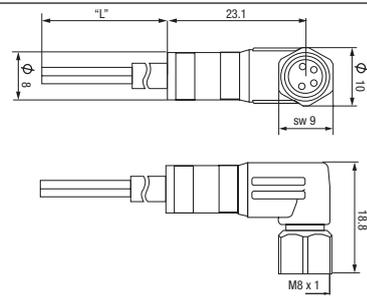
<b>Rated operating voltage (U<sub>B</sub>)</b>	30V AC/DC	<b>Tightening torque</b>	0.5 Nm
<b>Output current</b>	≤ 4 A	<b>Connection cable</b>	TPE orange
<b>Contact resistance</b>	≤ 5 mΩ	<b>Wire cross section</b>	4 x 0.25 mm <sup>2</sup> (jacket Ø 4.7 mm)
<b>Contact material</b>	Cu/Sn	<b>Weight</b>	approx 54g approx 130g
<b>Coating</b>	Cu/Au	2 m version	
<b>Contact bearer material</b>	PP white	5 m version	
<b>Temperature</b>	-40° to +105°C (90°C UL) -40° to +221°F (194°F UL)	<b>Pollution degree</b>	3
<b>Degree of protection</b>	IP69K	<b>Overvoltage category</b>	III
<b>O-ring sealing</b>	EPDM		
<b>Rated Impulse Voltage</b>	0.8 kV		
<b>Insulation resistance</b>	> 10 <sup>9</sup> Ω		
<b>Moulded body material</b>	PP white		
<b>Union Locking nut</b>	V4A		

## Dimensions

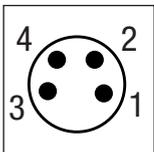
### Straight Version



### Angled Version



## Contact layout



### Colour Code

- 1 Brown
- 2 White
- 3 Blue
- 4 Black

## Derating Curve (DIN EN 60512-5-2)

