General Accessories
Connectors
Type CONB5...


CONB5x-Ax


CONB5x-Sx

- Straight or 90° connectors
- M8 version
- 3 or 4 wire
- LEDs in transparent housing
- IP 67
- UL approved

Product Description

M8 connection cables for 3 wires or 4 wires. Come in straight or angled versions. Some versions are also with LED.

UL approved high-quality connection cable either in PVC jacket or in the more durable PUR jacket.

Ordering Key

CONB53NF-APT2P

- CONB
- 5 = M8 DC
- 3 = 3 Wire (BN, BU, BK)
- 4 = 4 wire (BN, BU, BK, WH)
- N= Not shielded
- F= Female
- A = Angled
- S = Straight
- P = PNP
- N = NPN
- T = Transparent housing
- 2 = 2 m
- 5 = 5 m
- 15 = 15 m
- Blank = PVC cable
- P = PUR

Type Selection

Plug type	Cable length	Ordering number PVC	Ordering number PUR	Ordering number PVC LED NPN	Ordering number PVC LED PNP
3-Wire Angled	2 m	CONB53NF-A2	CONB53NF-A2P	CONB53NF-ANT2	CONB53NF-APT2
	5 m	CONB53NF-A5	CONB53NF-A5P	CONB53NF-ANT5	CONB53NF-APT5
	10 m	CONB53NF-A10	CONB53NF-A10P		
	15 m	CONB53NF-A15	CONB53NF-A15P		
3-Wire Straight	2 m	CONB53NF-S2	CONB53NF-S2P		
	5 m	CONB53NF-S5	CONB53NF-S5P		
	10 m	CONB53NF-S10	CONB53NF-S10P		
	15 m	CONB53NF-S15	CONB53NF-S15P		
4-Wire Angled	2 m	CONB54NF-A2	CONB54NF-A2P		
	5 m	CONB54NF-A5	CONB54NF-A5P		
	10 m	CONB54NF-A10	CONB54NF-A10P		
	15 m	CONB54NF-A15	CONB54NF-A15P		
4-Wire Straight	2 m	CONB54NF-S2	CONB54NF-S2P		
	5 m	CONB54NF-S5	CONB54NF-S5P		
	10 m	CONB54NF-S10	CONB54NF-S10P		
	15 m	CONB54NF-S15	CONB54NF-S15P		

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CARLO GAVAZZI

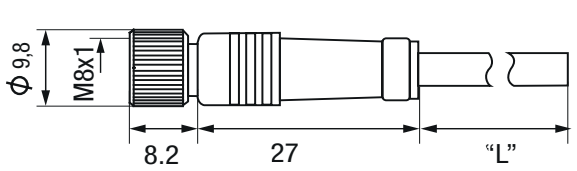
Specifications

Rated operating voltage	
3 & 4 wire	60VAC/DC
LED versions	30 VDC
Rated current	≤4A
Contact resistance	≤5mΩ
Rated impulse voltage	1.5KV
Insulation resistance	>10^9Ω
Cable outer diameter	
PUR	4.3mm
PVC	5.0mm
Wire cross section	3 wires: 0,34mm² 4 wires: 0,25mm²
Cable	PVC or PUR, black
Contact material	CuSn
Contact plating	pre-nickelled and gold plated
Contact bearer material	PA/TPU orange

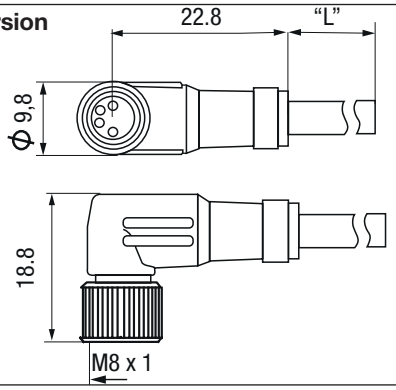
Moulded body material	TPU translucent
O-ring sealing	FKM
Coupling screw	CuZn, nickel plated
Tightening torque	0.5 Nm
Degree of protection	IP67
Pollution degree	3
Pin IEC standard	IEC61076-2-104
Temperature	-40° to 90°C
Weight*	
2m version	approx 100g
5m version	approx 200g
10m version	approx 300g
15m version	approx 500g
	*varies depending on model
LED colour	
Power	green
Output	yellow

Dimensions

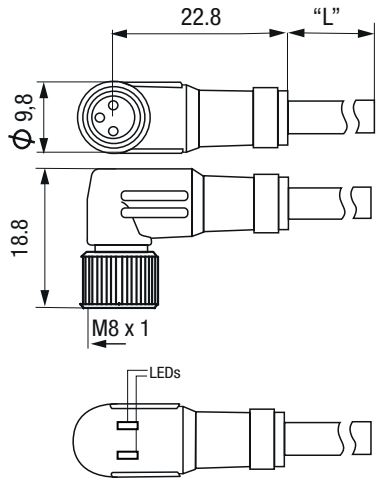
Straight version



Angled version



LED version

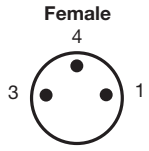


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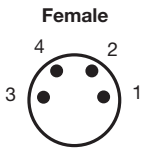
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Contact layout

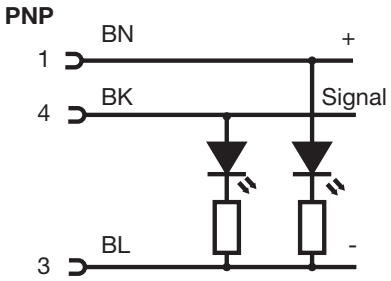
3-wire



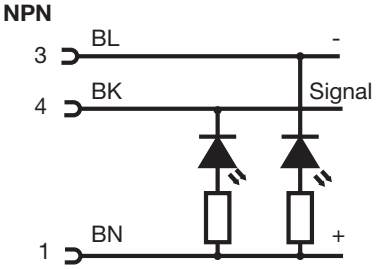
4-wire



3-pole with 2 x LED



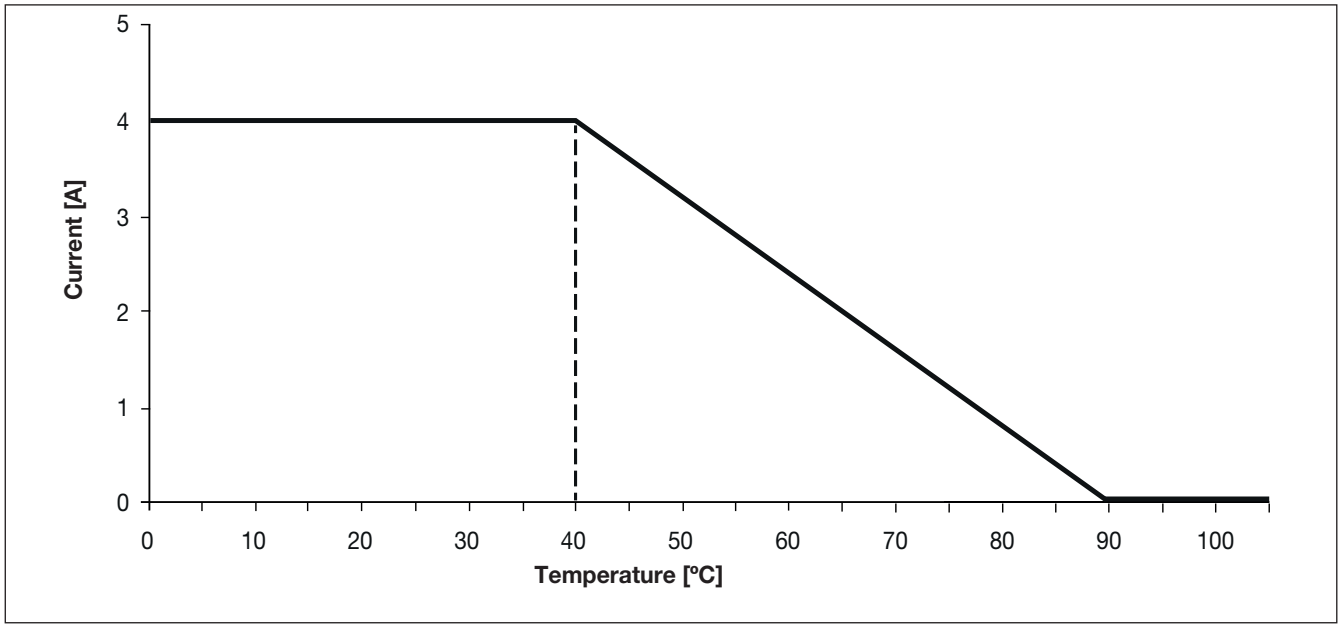
3-pole with 2 x LED



Colour Code

1 Brown (BN)
2 White (WH)
3 Blue (BL)
4 Black (BK)

Derating curve (DIN EN 60512-5-2)



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