

M8 5000 08L1 3...

Passive Actuator/Sensor Distribution Boxes M8

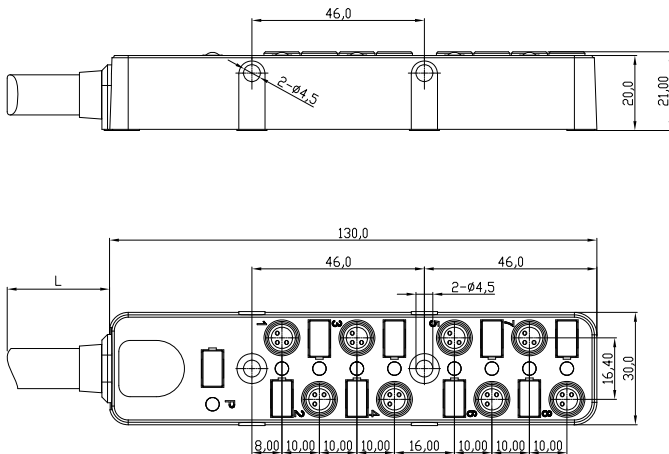


Passive distribution box M8, 8-port, single signal, with LEDs, IP67

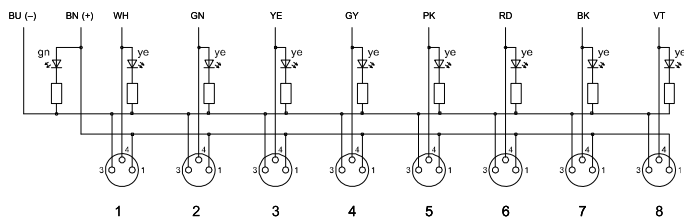
Main connection:

cable, PUR, grey

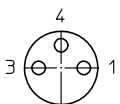
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Wiring diagram



Pin assignment of female M8 connectors



3 pole

- 1 +
- 3 -
- 4 S1

Environmental conditions

Temperature range -40 °C/+80 °C

Materials

Insulating body	PA, V-2 according to UL94
Contact	CuZn, pre-nickel and gold-plated
Connector thread	CuZn, nickel-plated
Housing	PC/ABS
Resistance	Good resistance against chemicals and oils. Resistance against aggressive media to be individually verified for each application.

Mechanical data

Protection class IP67¹

¹ according to DIN EN 60529, only in locked position with proper counterparts or protective caps

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 5 mΩ
Nominal current	≤ 2 A per port ≤ 8 A total
Nominal voltage	10–30 V DC (24 V DC)

Associated products

Counterparts

☞ 0810 ... 0...	☞ 0810 ... 3...	☞ 0810 0800 ... 0...
☞ 0810 0800 ... 3...	☞ 0810 0800 ... 3... sp	☞ 0810 0805 ... 3...
☞ 0810 0806 ... L1 3...	☞ 0815 ... 0...	☞ 0815 ... 3...
☞ 0815 0805 ... 3...	☞ 0815 0805 ... 3... sp	☞ 0850 ... T...CI

Accessories

☞ 9908 CPF0	☞ 9950 LB PF20
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M8

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Designation	Pole Number	Connected Cable	PU (Pieces)	MDQ (Pieces)	Dimensions L (mm)
5000 08L1 308 10m	8 x 3	PUR, grey, 8 x 0.22 mm ² (AWG 24)/2 x 0.5 mm ² (AWG 21), 910308, UL-style 20549	1	1	10000
5000 08L1 308 5m	8 x 3	PUR, grey, 8 x 0.22 mm ² (AWG 24)/2 x 0.5 mm ² (AWG 21), 910308, UL-style 20549	1	1	5000

Packaging:
in a plastic bag