

M12

5512 08L1

Passive Actuator/Sensor Distribution Boxes M12

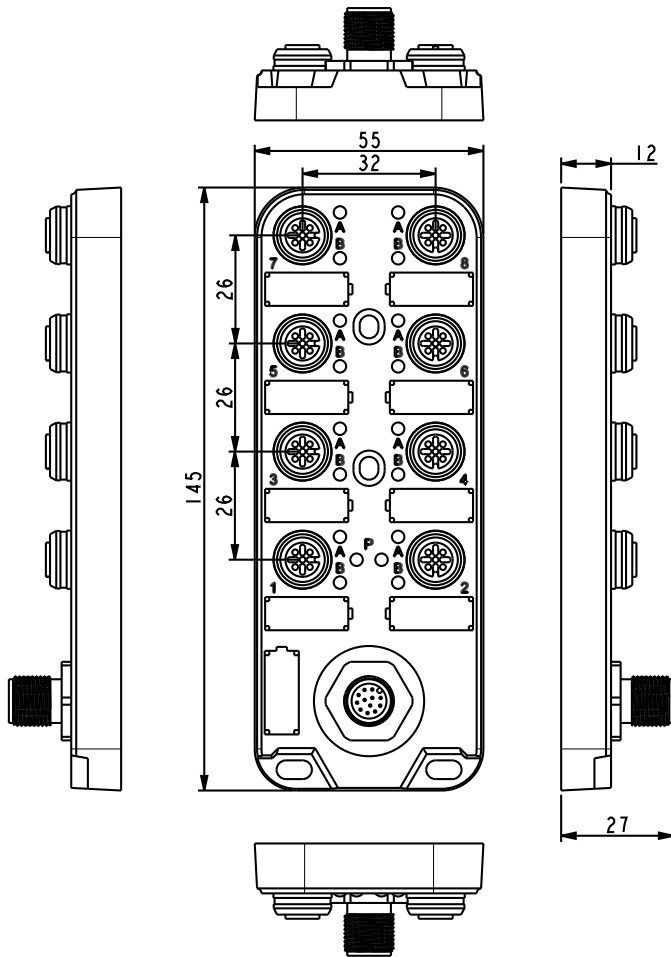


Passive distribution box M12, 8-port, single signal, with LEDs, IP67

Main connection:

M12

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Environmental conditions

Temperature range -40 °C/+80 °C

Materials

Insulating body	PA, V-2 according to UL94
Contact	CuZn, pre-nickel and tin-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	≤ 1.5 A per port ≤ 4.5 A total
Nominal voltage	10–30 V DC (24 V DC)

Associated products

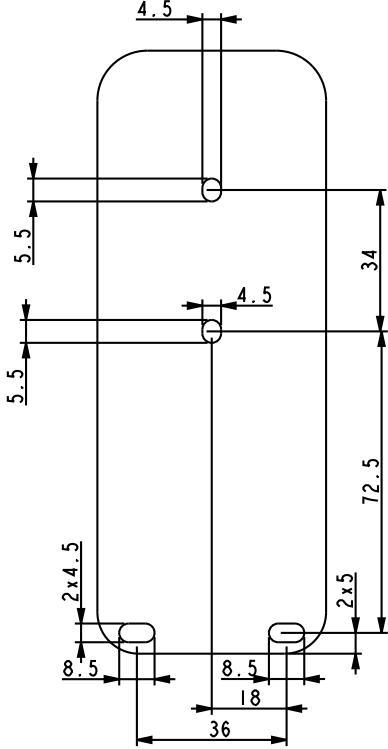
Counterparts

☞ 1200 ... 3...	☞ 1205 ... 3...	☞ 1210 ... 0...
☞ 1210 ... 3...	☞ 1210 0800 ... 3...	☞ 1210 0806 ... L1 3...
☞ 1210 1200 ... 0...	☞ 1210 1200 ... 3...	☞ 1210 1205 ... 3...
☞ 1210 1206 ... L1 0...	☞ 1210 1206 ... L1 3...	☞ 1210 1206 ... L2 0...
☞ 1210 1206 ... L2 3...	☞ 1250	

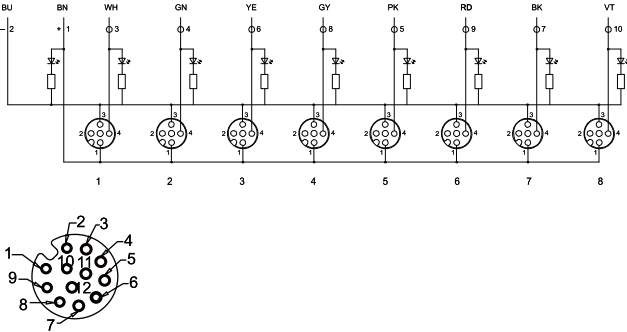
Accessories

☞ 9912 CPF0	☞ 9912 CPM0	☞ 9955 LB PF24
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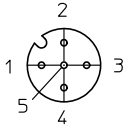


Wiring diagram



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Pin assignment of female M12 connectors



- 4 pole
- 1 +
- 2 not con.
- 3 -
- 4 S1
- 5 PE

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)	Dimensions L (mm)
5512 08L1	8 x 4	1	1	-

Packaging:

in a cardboard box