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A **BELDEN** BRAND



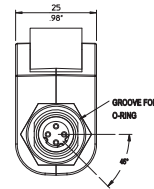
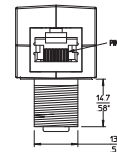
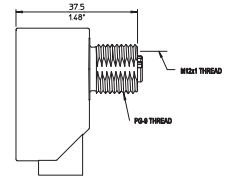
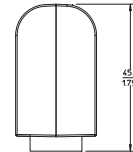
Industrial Ethernet Panel-Mount Adaptors for PROFINET or Ethernet/IP Applications

0981 ENC 100



M12 / RJ45 (panel-mount adaptor)

RJ45/M12 adaptor, female receptacle connector M12, D coding, chassis side thread PG 9, RJ45 female connector, 90 degree.



- 1 = TD+
- 2 = RD+
- 3 = TD-
- 4 = RD
- 5 = RX+
- 6 = TX+
- 7 = n.c.
- 8 = RXhousing shield

Pin Assignment

M12 Socket



- 1 = TD+
- 2 = RD+
- 3 = TD-
- 4 = RD-
- 5 = shield

RJ45 Socket



- 1 = TD+
- 2 = TD-
- 3 = RD+
- 4 = n.c.
- 5 = n.c.
- 6 = RD-
- 7 = n.c.
- 8 = n.c.



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Technical Data

Environmental

Degree of protection	IP 20 / IP 67
Operating temperature range	0°C (32°F) to +70°C (+158°F)

Materials

Housing	PA
M12	
Contacts	CuZn, pre-nickel and gold-plated
Housing	CuZn, nickel-plated
Insert	PUR, selfextinguishing
O-ring	FKM
RJ45	
Contacts	CuSn, pre-nickel and gold-plated
Housing	CuZn, tin-plated
Insert	PA GF

Electrical

Nominal current	1.5 A
Nominal voltage	max. 60 V

Part Number
0981 ENC 100



The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.