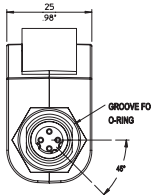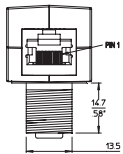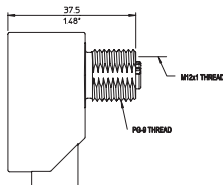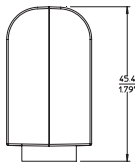# lumbergautomation

A **BELDEN** BRAND

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

Type	0981 ENC 100
Product description	RJ45/M12 adaptor, female receptacle connector M12, D coding, chassis side thread PG 9, RJ45 female connector, 90 degree.
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-nickeled and gold-plated
Housing	CuZn, nickel-plated
insert	PUR, self extinguishing
O-ring	FKM
RJ45	
Contacts	CuSn, pre-nickeled and gold-plated
Housing	CuZn, tin-plated
Insert	PA GF
Electrical	
Nominal current	1.5 A
Nominal voltage	max. 60 V

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

37.5
1.48"

M12x1 THREAD

PG-9 THREAD

45.4
1.79"

25
.98"

PIN 1

GROOVE FOR
O-RING

14.7
.58"

13.5

45°

Pin assignment

M12 Socket

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

RJ45 Jacket

1 2 3 4 5 6 7 8

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

Part number	Order number
0981 ENC 100	63484

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