



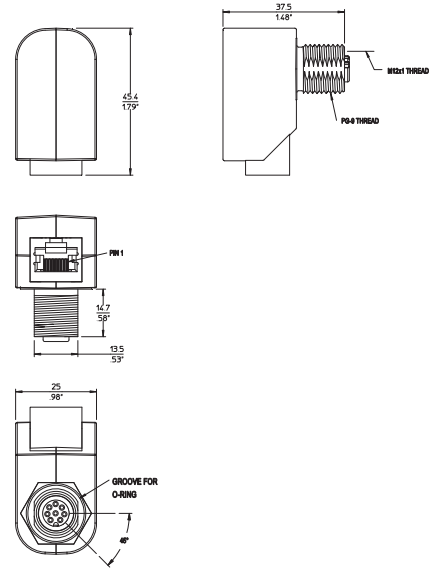
0981 ENC 102



EtherMATE™ Industrial Ethernet Panel-Mount Adaptor

M12 / RJ45 (panel-mount adaptor)

RJ45/M12 adaptor, female receptacle connector, 8 pin, M12, standard coding, chassis side thread PG 9, RJ45 female connector, 90 degree.



Wiring Diagram

M12 / RJ45

M12		RJ45
6	— Tx+ —	1
4	— Tx- —	2
5	— Rx+ —	3
7		4
1		5
8	— Rx+ —	6
2		7
3		8

Pin Assignment

M12 Socket



RJ45 Socket





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Technical Data

Environmental

Degree of protection	M12: IP 67 / RJ45: IP 20
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, self extinguishing
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

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