

Specifications

Photo is representative



Eaton E59- M12A105D01-D1S1

Eaton Iprox Series Tubular Inductive Proximity Sensor Enclosure, 0.47 dia, Sensor dist 4 mm, NPN/PNP Auto Configure, NO, 500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc, 4 Pin M12 Connector, 6-48 Vdc input, <1% of sensing dist. accuracy, Shielded

General specifications

PRODUCT NAME	Eaton E59 iProx programmable inductive proximity sensor
CATALOG NUMBER	E59-M12A105D01-D1S1
UPC	782116924868
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	2.71 in
PRODUCT WIDTH	0.47 in
PRODUCT WEIGHT	0.0625 lb
WARRANTY	1 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Listed CSA Certified

Product specifications

CONTACT RATING	500 mA at 30 Vdc
ACTUATOR FUNCTION	Shielded
ACCURACY	< 1% sensing distance
ENCLOSURE MATERIAL	End body: polycarbonate Front: polycarbonate Sulfide: stainless steel Tube: stainless steel
CONNECTION	4-pin connector
CONTACT CONFIGURATION	NPN/NO auto configure
SERIES	E59
SENSOR TYPE	Inductive proximity
ENVIRONMENTAL RATING	NEMA 4, NEMA 6, NEMA 12, NEMA 13, NEMA 17, IP67
OPERATING TEMPERATURE - MAX	158 °F
OPERATING TEMPERATURE - MIN	-40 °F
MAXIMUM DC CURRENT	500 mA
INPUT VOLTAGE	6-48 Vdc
LED INDICATOR	Green up turn when energized
PROTECTION	Auto short circuit