

Specifications

Photo is representative



Eaton E59-M12A105C02-D1S4

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, 6.6 Ft. (2m) Cable, 6-48 Vdc input, <1% of sensing dist. accuracy, Shielded

General specifications

PRODUCT NAME	Eaton E59 iProx programmable inductive proximity sensor
CATALOG NUMBER	E59-M12A105C02-D1S4
UPC	782116924936
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	2.46 in
PRODUCT WIDTH	0.47 in
PRODUCT WEIGHT	0.1438 lb
WARRANTY	1 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Listed CSA Certified

Product specifications

CONTACT RATING	500 mA at 30 Vdc 300 mA at 48 Vdc
ACTUATOR FUNCTION	Shielded
CABLE TYPE	Polyvinyl Chloride (PVC)
ACCURACY	< 1% sensing distance
ENCLOSURE MATERIAL	Front: polycarbonate Tube: stainless steel
CONNECTION	6.6 ft cable
CONTACT CONFIGURATION	NPN/NO auto configure
SERIES	E59
SENSOR TYPE	Inductive proximity
ENVIRONMENTAL RATING	NEMA 4, 6, 7, 12, IP67, IP69K
CORD LENGTH	79.2 ft
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 reset short circuit