

Eaton E59-M12A105C02-D3PP

Catalog Number: E59-M12A105C02-D3PP

Eaton Iprox Series Tubular Inductive Proximity Sensor Enclosure, 0.47 dia., Sensor dist. 4 mm, Complementary PNP Open Collector, 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

General specifications



Photo is representative

Product Name	Catalog Number
Eaton E59 iProx programmable inductive proximity sensor	E59-M12A105C02-D3PP
	UPC
	786685105628
Product Length/Depth	Product Height
0.47 in	2.46 in
Product Width	Product Weight
0.47 in	0.1438 lb
Warranty	Compliances
1 year	CE Marked
Certifications	
UL Listed	
CSA Certified	

defaultTaxonomyAttributeLabel

Contact Rating

500 mA at 6-30 Vdc, 300 mA at 32-48 Vdc

Actuator function

Shielded

Cable type

Polyvinyl Chloride (PVC)

Accuracy

< 1% of sensing distance

Enclosure material

Tube: stainless steel

Front cap: polyphenylene sulfide

End bell: polycarbonate

Connection

6.6 ft (2 m) cable

Contact configuration

Complementary PNP open collector

Series

E59

Sensor type

Inductive proximity

Environmental rating

NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13,
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 power up turns red when output energized

Resources

Brochures

[iProx sensors](#)

Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

Multimedia

[We make what matters](#)

Specifications and datasheets

[Eaton Specification Sheet - E59-M12A105C02-D3PP](#)

Protection

Auto reset short circuit



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia