

Eaton E59-M12A105D01-D1

Catalog Number: E59-M12A105D01-D1

Eaton iProx Sensor, E59, 4 mm range, Straight, 12 mm, Shielded, 360° viewable LED, M12, 3-wire, 300 mA at 6-48 Vdc, 4 pin, <1% sensing range, NPN/PNP auto configure, NO, 6-48 Vdc

General specifications



Product Name	Catalog Number
Eaton E59 iProx programmable inductive proximity sensor	E59-M12A105D01-D1
	UPC 782116183135

Product Length/Depth	Product Height
3.05 in	0.47 in

Product Width	Product Weight
0.47 in	0.1 lb

Warranty	Compliances
1 year	CE Marked

Certifications
UL Listed
CSA Certified

Product specifications

Contact Rating

300 mA at 6-48 Vdc

Actuator function

Shielded

Accuracy

< 1% sensing range

Enclosure material

303 stainless steel

Connection

M12

Contact configuration

NPN/PNP auto configure, NO

Series

E59

Number of wires

3

Environmental rating

NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13,
IP67, IP69K

Number of pins

4

Operating temperature - max

158 °F

Operating temperature - min

-40 °F

Maximum DC current

300 mA

Input voltage

6-48 Vdc

LED indicator

360 ° viewable LED

Protection

Auto reset

Resources

Brochures

iProx sensors

Multimedia

We make what matters

Specifications and datasheets

Eaton Specification Sheet - E59-M12A105D01-D1



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