

# Specifications

## Eaton 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

Photo is representative



### General specifications

<b>PRODUCT NAME</b>	Eaton E59 iProx programmable inductive proximity sensor
<b>CATALOG NUMBER</b>	E59-M12A105D01-D1
<b>UPC</b>	782116183135
<b>PRODUCT LENGTH/DEPTH</b>	3.05 in
<b>PRODUCT HEIGHT</b>	0.47 in
<b>PRODUCT WIDTH</b>	0.47 in
<b>PRODUCT WEIGHT</b>	0.1 lb
<b>WARRANTY</b>	1 year
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	UL Listed CSA Certified



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## Product specifications

<b>CONTACT RATING</b>	300 mA at 6-48 Vdc
<b>ACTUATOR FUNCTION</b>	Shielded
<b>ACCURACY</b>	< 1% sensing range
<b>ENCLOSURE MATERIAL</b>	303 stainless steel
<b>CONNECTION</b>	M12
<b>CONTACT CONFIGURATION</b>	NPN/PNP auto configure, NO
<b>SERIES</b>	E59
<b>NUMBER OF WIRES</b>	3
<b>ENVIRONMENTAL RATING</b>	NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67, IP69K
<b>NUMBER OF PINS</b>	4
<b>OPERATING TEMPERATURE - MAX</b>	158 °F
<b>OPERATING TEMPERATURE - MIN</b>	-40 °F
<b>MAXIMUM DC CURRENT</b>	300 mA
<b>INPUT VOLTAGE</b>	6-48 Vdc
<b>LED INDICATOR</b>	360 ° viewable LED
<b>PROTECTION</b>	Auto reset

## Resources

CATALOGS	<a href="#">Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3</a>
MULTIMEDIA	<a href="#">We make what matters</a>
SPECIFICATIONS AND DATASHEETS	<a href="#">Eaton Specification Sheet - E59-M12A105D01-D1</a>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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