

# Specifications



## Eaton E59-M12A105A01-A1

Eaton iProx Sensor, E59, Straight, 12 mm, Shielded, 360° viewable LED, Dual key micro, 2-wire, 200 mA at 20-132 V, 3 pin, <1% sensing range, 2-wire AC, NO, 20-132V

### General specifications

<b>PRODUCT NAME</b>	Eaton E59 iProx programmable inductive proximity sensor
<b>CATALOG NUMBER</b>	E59-M12A105A01-A1
<b>UPC</b>	782116183043
<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>TYPE</b>	E59
<b>CONTACT RATING</b>	200 mA at 20-132 V
<b>ACTUATOR FUNCTION</b>	Shielded
<b>ACCURACY</b>	< 1% sensing range
<b>ENCLOSURE MATERIAL</b>	303 stainless steel
<b>CONNECTION</b>	Dual key micro
<b>CONTACT CONFIGURATION</b>	2-wire AC, NO
<b>SERIES</b>	E59
<b>NUMBER OF WIRES</b>	2
<b>ENVIRONMENTAL RATING</b>	NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67, IP69K
<b>TEMPERATURE RATING</b>	-40 to 158 °F
<b>NUMBER OF PINS</b>	3
<b>OPERATING TEMPERATURE - MAX</b>	158 °F
<b>OPERATING TEMPERATURE - MIN</b>	-40 °F
<b>MAXIMUM AC CURRENT</b>	200 mA
<b>INPUT VOLTAGE</b>	20-132 V
<b>SIZE</b>	12 mm
<b>LED INDICATOR</b>	360 ° viewable LED

## Resources

<b>CATALOGS</b>	<a href="#">Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3</a>
<b>MULTIMEDIA</b>	<a href="#">We make what matters</a>
<b>SPECIFICATIONS AND DATASHEETS</b>	<a href="#">Eaton Specification Sheet - E59-M12A105A01-A1</a>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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