Specifications







Eaton E59-M12C110D01-D2

Eaton Inductive Proximity Sensor, E59, Straight, Unshielded, 360° viewable LED, M12, 300 mA at 6-48 Vdc, 4 pin, <3% sensing range, NPN/PNP auto configure, NC, 6-48 Vdc

General specifications	
PRODUCT NAME	Eaton E59 iProx programmable inductive proximity sensor
CATALOG NUMBER	E59-M12C110D01-D2
UPC	782116183289
PRODUCT LENGTH/DEPTH	2.71 in
PRODUCT HEIGHT	0.47 in
PRODUCT WIDTH	0.47 in
PRODUCT WEIGHT	0.11 lb
WARRANTY	1 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Listed CSA Certified
PRODUCT TYPE	Programmable inductive proximity sensor

Powering Business Worldwide

Product specifications

TYPE	E59
CONTACT RATING	300 mA at 6-48 Vdc
ACTUATOR FUNCTION	Unshielded
ACCURACY	< 3% sensing range
ENCLOSURE MATERIAL	303 stainless steel
CONNECTION	M12
CONTACT CONFIGURATION	NPN/PNP auto configure, NC
SERIES	E59
ENVIRONMENTAL RATING	NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67, IP69K
TEMPERATURE RATING	-40 to 158 °F
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

CATALOGS	Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3
MULTIMEDIA	We make what matters
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - E59-M12C110D01-D2

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.