Specifications







Eaton E57-18GE16-D1DB

E57 Two-Wire Series Tubular Inductive Proximity Sensor, 0.71 dia, Straight, Sensor dist: 16 mm, 100 mA max DC, 2 - Wire DC, NC, 100 mA at 30 Vdc, 4 Pin M12 Connector, 10-30 Vdc input, < 2% accuracy, Short circuit protected, Un-shielded

General specifications	
PRODUCT NAME	Eaton E57 inductive proximity sensor
CATALOG NUMBER	E57-18GE16-D1DB
UPC	782116072675
PRODUCT LENGTH/DEPTH	0.71 in
PRODUCT HEIGHT	3.11 in
PRODUCT WIDTH	0.71 in
PRODUCT WEIGHT	0.1438 lb
WARRANTY	1 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Listed CSA Certified

Powering Business Worldwide

Product specifications

CONTACT RATING	100 mA at 30 Vdc
ACTUATOR FUNCTION	Unshielded
ACCURACY	< 2%
ENCLOSURE MATERIAL	Nickel plated brass
CONNECTION	4-pin M12 connector
CONTACT CONFIGURATION	2-wire DC, NC
SERIES	E57
SENSOR TYPE	Inductive proximity
ENVIRONMENTAL RATING	IP67, IP69K
OPERATING TEMPERATURE - MAX	158 °F
OPERATING TEMPERATURE - MIN	-13 °F
MAXIMUM DC CURRENT	100 mA
INPUT VOLTAGE	10-30 Vdc
LED INDICATOR	Output status: red
PROTECTION	Short circuit protected

Resources

CATALOGS	Product Range Catalog Sensors – products, basic information, applications Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3
MULTIMEDIA	We make what matters
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - E57-18GE16-D1DB

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

© 2025 Eaton. All Rights Reserved.

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