

Specifications

Eaton E56CAL100B1S1



Inductive Proximity Pancake Sensor, E56, 3.94 in range, Straight, Unshielded, Output status, Mini, 400 mA at 250V, 3 pin, <3%, 2-wire AC, NO, 90-260V 45/65 Hz



General specifications

PRODUCT NAME	Eaton E56 pancake inductive proximity sensor
CATALOG NUMBER	E56CAL100B1S1
UPC	782113378985
PRODUCT LENGTH/DEPTH	7.61 in
PRODUCT HEIGHT	2.66 in
PRODUCT WIDTH	6.75 in
PRODUCT WEIGHT	5.03 lb
WARRANTY	1 year

Product specifications

TYPE	Inductive Proximity Pancake Sensor
CONTACT RATING	400 mA at 250V
ACTUATOR FUNCTION	Unshielded
ACCURACY	< 3%
ENCLOSURE MATERIAL	PPS housing, aluminum baseplate
CONNECTION	Mini
CONTACT CONFIGURATION	2-wire AC, NO
SERIES	E56
ENVIRONMENTAL RATING	NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP67
NUMBER OF PINS	3
OPERATING TEMPERATURE - MAX	158 °F
OPERATING TEMPERATURE - MIN	-13 °F
MAXIMUM AC CURRENT	400 mA
INPUT VOLTAGE	90-260 V at 45/65 Hz
LED INDICATOR	Output status
PROTECTION	Short circuit and auto- reset

Resources

CATALOGS	Sensing Solutions, Inductive Proximity Sensors, Volume 8, Tab 3
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - E56CAL100B1S1

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.

