

Specifications

Photo is representative

Eaton E58-30DP150-GD

Eaton harsh-duty sensor, E58 Tubular 30mm Photoelectric Sensor, 1.18 dia, dist. 6 In., 300 mA DC NPN/AC 3-Wire Cable, 20-132 Vac 50/60 Hz or 15-30 Vdc input, Latching short circuit, Background Suppression

General specifications

PRODUCT NAME	Eaton harsh-duty sensor
CATALOG NUMBER	E58-30DP150-GD
UPC	782114008546
PRODUCT LENGTH/DEPTH	1.18 in
PRODUCT HEIGHT	4.36 in
PRODUCT WIDTH	1.18 in
PRODUCT WEIGHT	0.4563 lb
WARRANTY	3 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Listed
CATALOG NOTES	Sensor will detect a 90% reflectance card at the Sensing Range; sensor will ignore a 90% reflectance card at the Cutoff Range
PRODUCT TYPE	Harsh-duty sensor



Powering Business Worldwide

Product specifications

CONTACT RATING 300 mA DC NPN / 300 mA AC 3 - Wire

CABLE TYPE Polyvinyl Chloride (PVC)

ENCLOSURE MATERIAL Stainless steel

OPERATING MODE Background suppression

CONNECTION 6.6 ft (2 m) cable

CONTACT CONFIGURATION AC: L1 switched
DC: NPN open collector

SENSOR TYPE Back ground suppression

SWITCH TYPE Photoelectric

INPUT VOLTAGE 20-132 Vac at 50/60 Hz,
15-30 Vdc

LED INDICATOR Output status: red

PROTECTION Latching short circuit

CORD LENGTH 79.2 ft

MAXIMUM AC CURRENT 300 mA

MAXIMUM DC CURRENT 300 mA

OPERATING TEMPERATURE - MAX 131 °F

OPERATING TEMPERATURE - MIN -40 °F

ENVIRONMENTAL RATING NEMA 1, NEMA 2, NEMA 3, NEMA 3R, NEMA 3S, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13, IP69K

Resources

[Product Range Catalog Sensors – products, basic information, applications](#)

CATALOGS

[Sensing Solutions, Photoelectric Sensor, Volume 8, Tab 5](#)

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - E58-30DP150-GD](#)

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.

