Specifications



Photo is representative

Eaton E58-18DP100-EL

E58 Harsh Duty Series Tubular 18mm Photoelectric Sensor, 0.71 dia, dist. 4 In., 100 mA max DC, 2 Wire, 100 mA at 18-50Vdc/90-132Vac, 6.6 Ft. (2m) Cable, 90-132Vac/18-50Vdc input, Auto reset short circuit, Suppression, 6.6 Ft. (2m)

General specifications	
PRODUCT NAME	Eaton harsh-duty sensor
CATALOG NUMBER	E58-18DP100-EL
UPC	782114264591
PRODUCT LENGTH/DEPTH	4.6 in
PRODUCT HEIGHT	1.5 in
PRODUCT WIDTH	4.1 in
PRODUCT WEIGHT	0.3 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

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Product specifications

CONTACT RATING	100 mA at 18-50Vdc/90-132Vac
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Stainless steel
OPERATING MODE	Background suppression
CONNECTION	6.6 ft (2 m) cable
CONTACT CONFIGURATION	2-wire AC/DC
SENSOR TYPE	Back ground suppression
SWITCH TYPE	Photoelectric
INPUT VOLTAGE	90-132 Vac, 18-50 Vdc
LED INDICATOR	Output status: red
PROTECTION	Auto reset short circuit
CORD LENGTH	79.2 ft
MAXIMUM DC CURRENT	100 mA
OPERATING TEMPERATURE - MAX	158 °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

CATALOGS	Product Range Catalog Sensors – products, basic information, applications Sensing Solutions,Photoelectric Sensor, Volume 8, Tab 5
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - E58-18DP100-EL

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

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