

Eaton E58-18DP100-EL

Catalog Number: 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)



Photo is representative

General specifications

Product Name	Catalog Number
Eaton harsh-duty sensor	E58-18DP100-EL
UPC	Product Length/Depth
782114264591	4.6 in
Product Height	Product Width
1.5 in	4.1 in
Product Weight	Warranty
0.3 lb	3 year
Compliances	Certifications
CE Marked	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

defaultTaxonomyAttributeLabel

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

Brochures

[Test the Best Photoelectric Sensors: E58 Series Harsh Duty](#)

Catalogs

[Eaton's Volume 8—Sensing Solutions](#)

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

Drawings

[E58 HARSH DUTY PHOTOELECTRIC SENSOR - 004](#)

Specifications and datasheets

[Eaton Specification Sheet - E58-18DP100-EL](#)



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30 Pembroke Road
Dublin 4, Ireland
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