Product specifications

Eaton E58-18DP100-ELP

Catalog Number: E58-18DP100-ELP

Eaton harsh-duty sensor, E58 Tubular 18mm Photoelectric Sensor, 0.71 dia, dist. 4 In., 2 Wire, 100 mA at 18-50Vdc/90-132Vac, 3 Pin Dual Key Pigtail Micro Connector, 90-132Vac/18-50Vdc input, Auto reset short circuit, 7 In

General specifications

Product Name
Eaton harsh-duty sensor

Catalog Number
E58-18DP100-ELP

UPC
782114264607

Product Length/Depth
0.71 in

Product Height
3.15 in

Product Width
0.71 in

Product Weight
0.225 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 specifications

Contact configuration

2-wire AC/DC

Switch type

Photoelectric

Cord length

7 in

Maximum DC current

100 mA

Operating temperature - min

-40 °F

Input voltage

90-132 Vac, 18-50 Vdc

Connection

3-pin dual key pigtail micro connector

Cable type

Polyvinyl Chloride (PVC)

LED indicator

Output status: red

Enclosure material

Stainless steel

Type

Photoelectric Sensor; E58 Harsh Duty

Operating mode

Background suppression

Sensor type

Back ground suppression

Contact Rating

100 mA at 18-50Vdc/90-132Vac

Power consumption

2W

Operating temperature - max

158 °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

Product Range Catalog Sensors – products, basic information, applications

Eaton's Volume 8—Sensing Solutions

Specifications and datasheets

Eaton Specification Sheet - E58-18DP100-ELP

Protection

Auto reset short circuit

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

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