

Specifications



Photo is representative

Eaton 14156RDP07B1

Eaton OEM Prism 18mm tubular photoelectric sensor, Right Angle, Sensor distance 10 Ft., 100 mA max DC, PNP Open Collector, 100 mA at 30 Vdc, 4 Pin M12 Connector, 10-30 Vdc input

General specifications

PRODUCT NAME	Eaton OEM Prism 18mm tubular photoelectric sensor
CATALOG NUMBER	14156RDP07B1
UPC	782114267158
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	0.25 in
PRODUCT WIDTH	0.25 in
PRODUCT WEIGHT	0.14 lb
WARRANTY	3 year
COMPLIANCES	Contact Manufacturer
CATALOG NOTES	For complete system; order sensor and retroreflector. Retroreflector not included

Product specifications

CONTACT RATING	100 mA at 30 Vdc
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Lens: polycarbonate Cable jacket: PVC Body: structural polyurethane foam
OPERATING MODE	Polarized retroreflective
CONNECTION	4-pin M12 connector
CONTACT CONFIGURATION	PNP open collector
SENSOR TYPE	Polarized retroreflective
SWITCH TYPE	Photoelectric
INPUT VOLTAGE	10-30 Vdc
LED INDICATOR	Output status: red
PROTECTION	Auto reset short circuit
CORD LENGTH	8 in
MAXIMUM DC CURRENT	100 mA
OPERATING TEMPERATURE - MAX	131 °F
OPERATING TEMPERATURE - MIN	-13 °F
ENVIRONMENTAL RATING	NEMA 1, NEMA 3, NEMA 4, NEMA 4X, NEMA 6, NEMA 6P, NEMA 12, NEMA 13

Resources

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - 14156RDP07B1](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc

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

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