Specifications



Photo is representative

Eaton 14156RD17B1

Eaton OEM Prism 18mm tubular photoelectric sensor, OEM Prism Series Tubular Photoelectric Sensor, Right Angle, Sensor distance 10 Ft., NPN/PNP Open Collector, 100 mA at 30 Vdc Cable input, Auto reset short circuit

General specifications	
PRODUCT NAME	Eaton OEM Prism 18mm tubular photoelectric sensor
CATALOG NUMBER	14156RD17B1
UPC	782114267165
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	2.75 in
PRODUCT WIDTH	0.71 in
PRODUCT WEIGHT	2.875 lb
WARRANTY	3 year
COMPLIANCES	Contact Manufacturer
CATALOG NOTES	For complete system; order sensor and retroreflector. Retroreflector not included
PRODUCT TYPE	Tubular photoelectric sensor

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Product specifications

CONTACT RATING	100 mA at 30 Vdc
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Body: structural polyurethane foam Cable jacket: PVC Lens: polycarbonate
OPERATING MODE	Polarized retroreflective
CONNECTION	6.6 ft (2 m) cable
CONTACT CONFIGURATION	NPN and 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	79.2 ft
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

CATALOGS	Sensing Solutions,Photoelectric Sensor, Volume 8, Tab 5
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 14156RD17B1

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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