

Specifications



Photo is representative

Eaton 14156AD07B1

Eaton OEM Prism 18mm tubular photoelectric sensor, OEM Prism Series Tubular Photoelectric Sensor, Forward Viewing, Sensor distance: 10 Ft., NPN/PNP Open Collector, 100 mA at 30 Vdc, 4 Pin M12 Connector input, Auto reset short circuit

General specifications

PRODUCT NAME	Eaton OEM Prism 18mm tubular photoelectric sensor
CATALOG NUMBER	14156AD07B1
UPC	782114353332
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	2.75 in
PRODUCT WIDTH	0.71 in
PRODUCT WEIGHT	1.313 lb
WARRANTY	3 year
COMPLIANCES	Contact Manufacturer
CATALOG NOTES	For complete system; order sensor and retroreflector. Retroreflector not included



Powering Business Worldwide

Product specifications

CONTACT RATING	100 mA at 30 Vdc
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Cable jacket: PVC Lens: polycarbonate Body: structural polyurethane foam
OPERATING MODE	Polarized retroreflective
CONNECTION	4-pin M12 connector
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	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

CATALOGS	Sensing Solutions, Photoelectric Sensor, Volume 8, Tab 5
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 14156AD07B1

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

Follow us on social media to get the latest product and support information.



© 2025 Eaton. All Rights Reserved.