Specifications



Photo is representative

Eaton 12155RD07

Eaton OEM Prism 18mm tubular photoelectric sensor, Right Angle, Sensor distance: 20 Ft., Iso SS Relay, 80 mA at 132 Vac/110 mA at 132Vdc, 10-30 Vdc input, Current Limited for loads > 32V AC/DC, Thru-beam, 8 In. (.2m), 4 Pin M12 Connector

General specifications

PRODUCT NAME	Eaton OEM Prism 18mm tubular photoelectric sensor
CATALOG NUMBER	12155RD07
UPC	782113056715
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	2.55 in
PRODUCT WIDTH	0.71 in
PRODUCT WEIGHT	0.1313 lb
WARRANTY	3 year
COMPLIANCES	CE Marked
CERTIFICATIONS	UL Recognized cUL Recognized
CATALOG NOTES	Synchronous design requires source and detector to be wired to each other
PRODUCT TYPE	Tubular photoelectric sensor

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Product specifications

CONTACT RATING	80 mA at 132 Vac / 110 mA at 132Vdc
CABLE TYPE	Polyvinyl Chloride (PVC)
ENCLOSURE MATERIAL	Cable jacket: PVC Lens: polycarbonate Body: structural polyurethane foam
OPERATING MODE	Thru-beam
CONNECTION	4-pin M12 connector
CONTACT CONFIGURATION	Isolated solid state relay
SENSOR TYPE	Through beam
SWITCH TYPE	Photoelectric
INPUT VOLTAGE	10-30 Vdc
LED INDICATOR	Output status: red
PROTECTION	Current limited for loads less than 32 Vac/dc
CORD LENGTH	8 in
MAXIMUM AC CURRENT	80 mA
MAXIMUM DC CURRENT	110 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 - 12155RD07

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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