

Specifications



Photo is representative

Eaton 14151AF12L17

Eaton OEM Prism 18mm tubular photoelectric sensor, Forward Viewing, dist 10 Ft., Iso SS Relay, 80 mA at 132 Vac/110 mA at 132Vdc, 12 Ft. (3.7m) Cable, 10-30 Vdc input, Current Limited for loads >32V AC/DC, Polarized Retroreflective

General specifications

PRODUCT NAME	Eaton OEM Prism 18mm tubular photoelectric sensor
CATALOG NUMBER	14151AF12L17
UPC	782114111123
PRODUCT LENGTH/DEPTH	0.47 in
PRODUCT HEIGHT	2.75 in
PRODUCT WIDTH	0.71 in
PRODUCT WEIGHT	0.2875 lb
WARRANTY	3 year
COMPLIANCES	Contact Manufacturer
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	Lens: polycarbonate Body: structural polyurethane foam Cable jacket: PVC
OPERATING MODE	Polarized retroreflective
CONNECTION	12 ft (3.7 m) cable
CONTACT CONFIGURATION	Isolated solid state relay
SENSOR TYPE	Polarized retroreflective
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	144 ft
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

SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - 14151AF12L17](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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