

F18RS-BP-0A Cut Sheet



ProSense photoelectric sensor, tubular, threaded, diffuse with background suppression, 50-150mm sensing distance, complementary light-on/dark-on, PNP, teach-in button, 500 Hz switching frequency, 6.5ft/2m cable length, pigtail.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/F18RS-BP-0A>

Technical Specifications

Brand	ProSense
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	18mm diameter x 91.5mm body
IP Rating	IP67
Housing Material	Polybutylene terephthalate
Sensing Method	Diffuse with background suppression
Operating Voltage	10-30 VDC
Switching Output	PNP
Sensing Distance	50-150mm

Sensitivity	Teach-in button
Operation Mode	Complementary light-on/dark-on
Switching Frequency	500 Hz
Light Emission	Visible red
IO-Link Compatible	No
Cable Length	6.5ft/2m
Jacket Material	Carbon steel
Connection	Pigtail
Conductor Size	26 AWG
Includes	Mounting hardware

Agency Approvals

UL Listed File #	NRKH E328811
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	60497-5-2-14
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/F18RS-BP-0A.pdf>
See store item page for other formats.