

# F8RP-DN-1F Cut Sheet



ProSense photoelectric sensor, tubular, threaded, polarized retroreflective, visible red, 0-1m sensing distance, dark-on, NPN, 3-wire, 3-pin M8 quick-disconnect.

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



<https://www.automationdirect.com/pn/F8RP-DN-1F>

## Technical Specifications

Brand	ProSense
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	8mm diameter x 40mm body
IP Rating	IP67
Housing Material	Stainless steel
Sensing Method	Polarized retroreflective
Operating Voltage	10-30 VDC
Number of Wires	3

Switching Output	NPN
Sensing Distance	0-1m
Operation Mode	Dark-on
Switching Frequency	500 Hz
Light Emission (NP)	Visible red
IO-Link Compatible	No
Connection	3-pin M8 quick-disconnect
Includes	Mounting hardware
Additional Information	Purchase cable separately

## Agency Approvals

UL Listed File #	E328811
UL Recognized File #	None
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/F8RP-DN-1F.pdf>  
See store item page for other formats.