

# F18I8-BN-0A Cut Sheet



ProSense photoelectric sensor, tubular, threaded, diffuse, infrared light emission, 700mm sensing distance, complementary light-on/dark-on, NPN, potentiometer, 1000 Hz switching frequency, polybutylene terephthalate housing, pigtail.

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



<https://www.automationdirect.com/pn/F18I8-BN-0A>

## Technical Specifications

<b>Brand</b>	ProSense
<b>Item</b>	Photoelectric sensor
<b>Shape</b>	Tubular
<b>Barrel Type</b>	Threaded
<b>Housing Size</b>	18mm diameter x 77mm body
<b>IP Rating</b>	IP67
<b>Housing Material</b>	Polybutylene terephthalate
<b>Sensing Method</b>	Diffuse
<b>Operating Voltage</b>	10-30 VDC
<b>Switching Output</b>	NPN
<b>Sensing Distance</b>	700mm
<b>Sensitivity</b>	Potentiometer
<b>Operation Mode</b>	Complementary light-on/dark-on
<b>Switching Frequency</b>	1000 Hz
<b>Light emission</b>	Infrared
<b>IO-Link Compatible</b>	No
<b>Cable Length</b>	6.5ft/2m
<b>Jacket Material</b>	PVC
<b>Connection</b>	Pigtail
<b>Conductor Size</b>	26 AWG
<b>Includes</b>	Mounting hardware

## Agency Approvals

<b>UL Listed File #</b>	NRKH E328811
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	60497-5-2-14
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>