FFRL-BN-1E Cut Sheet

AutomationDirect photoelectric sensor, tubular, threaded, retroreflective, visible red light emission, 1m sensing distance, complementary light-on/dark-on, NPN, teach-in button, 4-wire, 4-pin M12 quick-disconnect.

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

https://www.automationdirect.com/pn/FFRL-BN-1E

Technical Specifications

Brand	AutomationDirect
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	18mm diameter x 82.5mm body
IP Rating	IP69K
Application	For harsh duty / food and beverage applications.
Housing Material	316L stainless steel
Sensing Method	Retroreflective
Sensing Technology	Clear object detection
Operating Voltage	10-30 VDC
Number of Wires	4
Switching Output	NPN
Sensing Distance	1m
Sensitivity	Teach-in button
Operation Mode	Complementary light-on/dark-on
Switching Frequency	500 Hz
Light emission	Visible red
Connection	4-pin M12 quick-disconnect
Includes	Mounting hardware
Additional Information	Purchase cable separately

Agency Approvals

UL Listed File #	E187310
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document