

FAL4-BN-0E Cut Sheet



AutomationDirect photoelectric sensor, tubular, threaded, diffuse, Class 1 red laser, 10-300mm sensing distance, complementary light-on/dark-on, NPN, potentiometer, 800 Hz switching frequency, plastic housing, 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/FAL4-BN-0E>

Technical Specifications

Brand	AutomationDirect
Item	Photoelectric sensor
Shape	Tubular
Barrel Type	Threaded
Housing Size	18mm diameter
IP Rating	IP67
Housing Material	Plastic
Sensing Method	Diffuse
Operating Voltage	10-30 VDC
Number of Wires	4

Switching Output	NPN
Sensing Distance	10-300mm
Sensitivity	Potentiometer
Operation Mode	Complementary light-on/dark-on
Switching Frequency	800 Hz
Light Emission (NP)	Class 1 red laser
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
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document