

FKLW-BN-1E Cut Sheet



AchieVe photoelectric sensor, tubular, threaded, diffuse with background suppression, 30-150mm sensing distance, complementary light-on/dark-on, NPN, potentiometer, 1.5 kHz switching frequency, 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/FKLW-BN-1E>

Technical Specifications

Brand	AchieVe	Switching Output	NPN
Item	Photoelectric sensor	Sensing Distance	30-150mm
Shape	Tubular	Sensitivity	Potentiometer
Barrel Type	Threaded	Operation Mode	Complementary light-on/dark-on
Housing Size	18mm diameter x 50mm body	Switching Frequency	1.5 kHz
IP Rating	IP67	Light Emission	Class 2 red laser
Application	Laser and standard duty	IO-Link Compatible	No
Housing Material	Nickel-plated brass	User Interface	Potentiometer adjustment
Sensing Method	Diffuse with background suppression	Connection	4-pin M12 quick-disconnect
Operating Voltage	10-30 VDC	Includes	Mounting hardware
Number of Wires	4	Additional Information	Purchase cable separately

Agency Approvals

UL Listed File #	E328811
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

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/FKLW-BN-1E.pdf>
See store item page for other formats.