

# FKL4-BN-1E Cut Sheet



AchieVe photoelectric sensor, tubular, threaded, diffuse, Class 1 red laser, 0-300mm sensing distance, complementary light-on/dark-on, NPN, teach-in button, 1 kHz switching frequency, nickel-plated brass 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/FKL4-BN-1E>

## Technical Specifications

Brand	AchieVe	Switching Output	NPN
Item	Photoelectric sensor	Sensing Distance	0-300mm
Shape	Tubular	Sensitivity	Teach-in button
Barrel Type	Threaded	Operation Mode	Complementary light-on/dark-on
Housing Size	18mm diameter x 60mm body	Switching Frequency	1 kHz
IP Rating	IP67	Light Emission	Class 1 red laser
Application	Laser and standard duty	IO-Link Compatible	No
Housing Material	Nickel-plated brass	User Interface	Pushbutton user interface
Sensing Method	Diffuse	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	<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/2d/FKL4-BN-1E.pdf>  
See store item page for other formats.