FKLN-BN-3E Cut Sheet

AchieVe photoelectric sensor, tubular, threaded, polarized retroreflective, 90-degree, Class 1 red laser, 0.05-30m 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/FKLN-BN-3E

Technical Specifications

Brand	AchieVe		**Switching Output**	NPN
Item	Photoelectric sensor		**Sensing Distance**	0.05-30m
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	Polarized retroreflective		**Connection**	4-pin M12 quick-disconnect
Head Angle	90-degree		**Includes**	Mounting hardware
Operating Voltage	10-30 VDC		**Additional Information**	Purchase cable and reflector separately
Number of Wires	4			

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/FKLN-BN-3E.pdf
See store item page for other formats.