

# FKLS-BP-1E Cut Sheet



AchieVe photoelectric sensor, tubular, threaded, diffuse with background suppression, 30-100mm sensing distance, complementary light-on/dark-on, PNP, 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/FKLS-BP-1E>

## Technical Specifications

<b>Brand</b>	AchieVe	<b>Switching Output</b>	PNP
<b>Item</b>	Photoelectric sensor	<b>Sensing Distance</b>	30-100mm
<b>Shape</b>	Tubular	<b>Sensitivity</b>	Potentiometer
<b>Barrel Type</b>	Threaded	<b>Operation Mode</b>	Complementary light-on/dark-on
<b>Housing Size</b>	18mm diameter x 50mm body	<b>Switching Frequency</b>	1.5 kHz
<b>IP Rating</b>	IP67	<b>Light Emission</b>	Class 1 red laser
<b>Application</b>	Laser and standard duty	<b>IO-Link Compatible</b>	No
<b>Housing Material</b>	Nickel-plated brass	<b>User Interface</b>	Potentiometer adjustment
<b>Sensing Method</b>	Diffuse with background suppression	<b>Connection</b>	4-pin M12 quick-disconnect
<b>Operating Voltage</b>	10-30 VDC	<b>Includes</b>	Mounting hardware
<b>Number of Wires</b>	4	<b>Additional Information</b>	Purchase cable separately

## Agency Approvals

<b>UL Listed File #</b>	E328811
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



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