C18B-AN-1A Cut Sheet





AutomationDirect photoelectric sensor, tubular, threaded, metal, diffuse with background suppression, 10-120mm sensing distance, light-on, NPN, potentiometer, 500 Hz switching frequency, 6.5ft/2m cable length, pigtail.

For complete product information, please see this item on our store at the following link:



https://www.automationdirect.com/pn/C18B-AN-1A

Technical Specifications

Brand AutomationDirect Item Photoelectric sensor Shape Tubular Barrel Type Threaded Housing Size 18mm diameter x 50mm body IP Rating IP67 Housing Material Metal Sensing Method Diffuse with background suppression Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG Includes Mounting hardware	<u> </u>	
Shape Tubular Barrel Type Threaded Housing Size 18mm diameter x 50mm body IP Rating IP67 Housing Material Metal Sensing Method Diffuse with background suppression Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Brand	AutomationDirect
Barrel Type Threaded Housing Size 18mm diameter x 50mm body IP Rating IP67 Housing Material Metal Sensing Method Diffuse with background suppression Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Item	Photoelectric sensor
Housing Size IP Rating IP Rating Housing Material Sensing Method Diffuse with background suppression Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 18mm diameter x 50mm body IP67 Metal Suppression U-36 VDC NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail	Shape	Tubular
IP Rating IP67 Housing Material Metal Sensing Method Diffuse with background suppression Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Barrel Type	Threaded
Housing Material Metal Sensing Method Diffuse with background suppression Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Housing Size	18mm diameter x 50mm body
Sensing Method Diffuse with background suppression Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	IP Rating	IP67
Operating Voltage 10-36 VDC Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Housing Material	Metal
Number of Wires 3 Switching Output NPN Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Sensing Method	Diffuse with background suppression
Switching Output Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Operating Voltage	10-36 VDC
Sensing Distance 10-120mm Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Number of Wires	3
Sensitivity Potentiometer Operation Mode Light-on Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Switching Output	NPN
Operation Mode Switching Frequency 500 Hz Light emission Visible red Cable Length Connection Pigtail Conductor Size 22 AWG	Sensing Distance	10-120mm
Switching Frequency 500 Hz Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Sensitivity	Potentiometer
Light emission Visible red Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Operation Mode	Light-on
Cable Length 6.5ft/2m Connection Pigtail Conductor Size 22 AWG	Switching Frequency	500 Hz
Connection Pigtail Conductor Size 22 AWG	Light emission	Visible red
Conductor Size 22 AWG	Cable Length	6.5ft/2m
	Connection	Pigtail
Includes Mounting hardware	Conductor Size	22 AWG
	Includes	Mounting hardware

Agency Approvals

UL Listed File #	E328811
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document