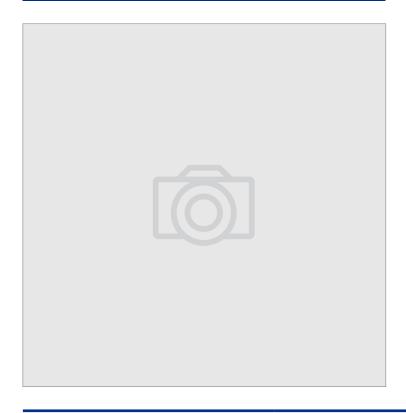
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Allen-Bradley 42BC Photoelectric Sensor Background Suppression 24-240V AC DC Range 0.2-1m





Component type	Light scanner with background masking	
Range	Photoelectric Sensors	
Model	N/A	
Product status	Existing	

The Allen-Bradley Photoelectric sensors use a beam of light to detect the presence or absence of an object. An alternative to inductive proximity sensors for long sensing distances or when the item is non-metal. Can be utilised in a variety of applications, such as material handling, packaging, food processing and transportation. Customisable to suit non-standard connectors or cables.

	Setting procedure	Manual adjustment
ELECTRICAL	Voltage type	AC/DC
	Rated control supply voltage Us at DC	12 - 24 V
	Type of switching output	Relay contact
	Response time	20.0 ms
	Number of protected contact energized outputs	1.0
	Type of electric connection	Screw connection
	Max. output current	3000.0 mA
COMMUNICATION	Triangulation	Background fade-out
CONSTRUCTION	Material of optical surface	Plastic
	Material housing	Plastic
	Construction type housing	Cuboid
	Degree of protection (IP)	IP65
PHOTOMETRIC	Type of light	Infrared light
	Wavelength of the sensor	880.0 nm
	Operating distance	1000 mm
DIMENSIONS	Width sensor	26.0 mm
	Height of sensor	69.0 mm
	Length of sensor	85.0 mm
ENVIRONMENT	Ambient temperature	-25 - 55 °C

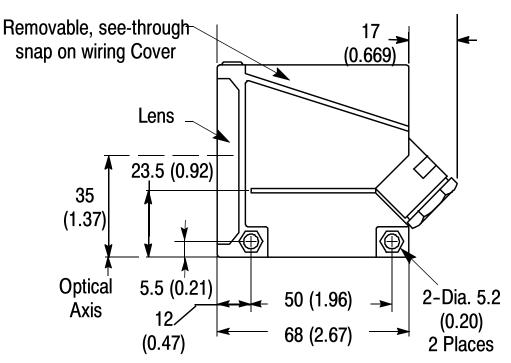
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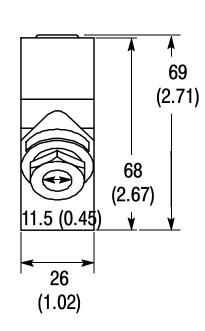
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Allen-Bradley 42BC Photoelectric Sensor Background Suppression 24-240V AC DC Range 0.2-1m



DIMENSIONAL DIAGRAM





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