42EFU2KBBF4

Allen-Bradley 42EF Photoelectric Sensor Retroflective 11-30V DC 25mm-4.5m PNP and NPN DC Micro 4

NON-CONTACT SENSORS

Allen-Bradley



Component type	Retroreflective photoelectric sensor
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.

ELECTRICAL	Setting procedure	Other
	Voltage type	DC
	Rated control supply voltage Us at DC	10.8-30 V
	Type of switching output	PNP/NPN
	Max. output current	100 mA
	Response time	1 ms
	Type of electric connection	Connector M12
CONSTRUCTION	Material of optical surface	Plastic
	Material housing	Other
	Construction type housing	Cuboid
	IP rating	IP67
	Degree of protection (NEMA)	6P
MECHANICAL	With time function	No
PHOTOMETRIC	Sensing type	Retroreflective
	Type of light	Other
	Illumination mode	Other
	Wavelength of the sensor	660 nm
	Beam angle	1.5 °
	Max. switching distance	4500 mm
	Sensing mode	Dark switching
DIMENSIONS	Width sensor	27 mm
	Height of sensor	46.7 mm
	Length of sensor	34.5 mm
ENVIRONMENT	Ambient temperature	-25…70 °C

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