

42EFD2MPAKA2

Allen-Bradley 42EF Photoelectric Sensor Diffuse 10 8-30V DC
Visible Red 500mm PNP DC 2m



Component type	Diffuse reflective 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

Voltage type	DC
Rated control supply voltage U_s at DC	10.8-30 V
Type of switching output	PNP
Max. output current	0.1 mA
Response time	1 ms
Type of electric connection	Cable
Number of conductors	4

CONSTRUCTION

Material of optical surface	Plastic
Material housing	Other
Construction type housing	Cuboid
IP rating	IP67
AWG-number	22
Material of cable sheath	Polyvinyl chloride (PVC)
Degree of protection (NEMA)	6P

PHOTOMETRIC

Type of light	Other
Wavelength of the sensor	660 nm

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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