

42EFP2SCBG4

Allen-Bradley 42EF Photoelectric Sensor Polarized Retro 24-240V AC DC Range 25mm-3m NMOS AC 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	AC/DC
Rated control supply voltage U_s at AC 50HZ	21.6-264 V
Rated control supply voltage U_s at DC	21.6-264 V
Type of switching output	Other
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	Special construction
IP rating	IP67
Degree of protection (NEMA)	6P

MECHANICAL

With time function	No
Sensing type	Polarised retroreflective
Type of light	Other
Illumination mode	Other
Wavelength of the sensor	660 nm
Beam angle	1.5 °
Max. switching distance	3000 mm
Sensing mode	Dark switching

PHOTOMETRIC

DIMENSIONS

Width sensor	27 mm
Height of sensor	69 mm
Length of sensor	34.5 mm

ENVIRONMENT

Ambient temperature	-25...70 °C
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