

42JSD2MPA1F4

Allen-Bradley 42JS Photoelectric Sensor Diffuse 10-30V DC
Visible Range 3-800mm PNP DC Micro 4



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

Setting procedure	Manual adjustment
Voltage type	DC
Max. output current	0.1 mA
Response time	1 ms
Number of conductors	4

CONSTRUCTION

Material of optical surface	Plastic
Material housing	Plastic
Construction type housing	Special construction
IP rating	IP67

PHOTOMETRIC

Sensing type	Standard diffuse
Type of light	Other
Wavelength of the sensor	645 nm
Beam angle	5.5 °
Max. switching distance	800 mm

ENVIRONMENT

Ambient temperature	-20...60 °C
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