

# 42JSR9MPA1F4

Allen-Bradley 42JS Photoelectric Sensor Transmitted Beam  
Receiver 10-30V DC 10m PNP DC Micro 4



Component type	Through beam 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	100.0 mA
Response time	1.0 ms
Type of electric connection	Connector M12
Number of conductors	4.0

## CONSTRUCTION

Material of optical surface	Plastic
Material housing	Plastic
Construction type housing	Cuboid
Degree of protection (IP)	IP67

## PHOTOMETRIC

Sensing type	Transmitted beam receiver
Type of light	Other
Type of optical signal	Continuous light
Wavelength of the sensor	645.0 nm
Beam angle	4.0 °
Max. switching distance	10000.0 mm

## ENVIRONMENT

Ambient temperature	-20 - 60 °C
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