

42JTR8LAT1P4

Allen-Bradley 42JT Photoelectric Sensor Transmitted Beam
Receiver 10-30V DC Laser 13m PNP DC Pico 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	0.25 ms
	Type of electric connection	Connector M8
	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	650.0 nm
	Max. switching distance	18000.0 mm
ENVIRONMENT	Ambient temperature	-20 - 60 °C