PMT20RI

Carlo Gavazzi Photoelectric Sensor Through Beam Plastic SPDT 1.2 Inch NPT Sensing Range 20m

NON-CONTACT SENSORS



Component type	Through beam photoelectric sensor
Range	Photoelectric Sensor
Model	N/A
Alternative	CALL FOR ALTERNATIVE

The Carlo Gavazzi Photoelectric Sensors are ideal for long distance sensing or if the item is non-metal. Designed for harsh environments and for applications such as material handling, packaging machinery and automatic door systems. Fitting the requirements of virtually any application including diffuse-reflective, background suppression, retro-reflective, for transparent objects and through-beam.

ELECTRICAL	**Setting procedure**	Manual adjustment
	Voltage type	AC/DC
	Rated control supply voltage Us at AC 50HZ	21.6-264 V
	Rated control supply voltage Us at AC 60HZ	21.6-264 V
	Rated control supply voltage Us at DC	264-10.8 V
	Type of switching output	Other
	Max. output current	3000 mA
	Response time	20 ms
	Type of electric connection	Screw connection
	Number of conductors	5
	Rated switching distance	20000 mm
	Number of semiconductor outputs with signalling function	0
	Number of contact energized outputs with signalling function	2
	Number of protected semiconductor outputs	0
	Number of protected contact energized outputs	0
	Type of switch function	Other
	Switching frequency	20 Hz
COMMUNICATION	**Type of interface for safety communication**	Other
CONSTRUCTION	**Material of optical surface**	Plastic
	Material housing	Plastic
	Construction type housing	Cuboid
	IP rating	IP67
	Max. opening angle	2 °
	Material of cable sheath	Other

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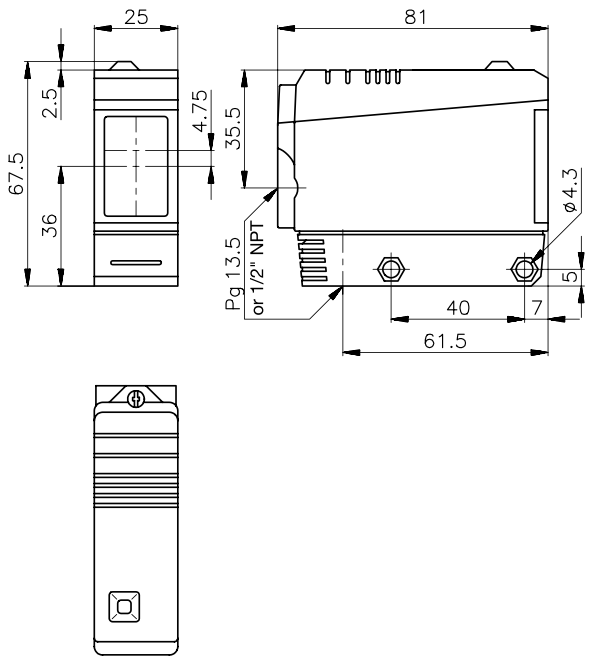
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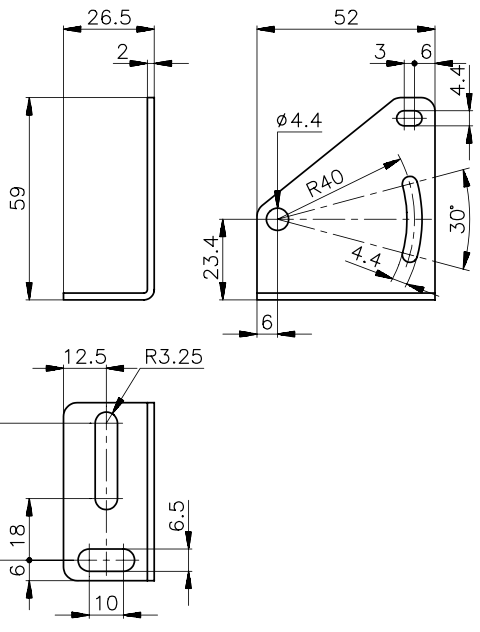
CONSTRUCTION	Suitable for safety functions	No
	Degree of protection (NEMA)	1
MECHANICAL	With time function	No
	AWG-number	16
PHOTOMETRIC	Sensing type	Transmitted beam receiver
	Type of light	Infrared light
	Illumination mode	Other
	Wavelength of the sensor	880 nm
	Beam angle	2 °
	Max. switching distance	20000 mm
	Sensing mode	Light-/dark switching
	Scope of delivery of the one-way system	Receiver
	Laser protection class	None
DIMENSIONS	Diameter sensor	25 mm
	Width sensor	0 mm
	Height of sensor	67.5 mm
	Length of sensor	81 mm
ENVIRONMENT	Ambient temperature	-25…55 °C

DIMENSIONAL DIAGRAM

PMT 20



PMT 20 with angle bracket



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