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# **DATASENSING - S300-PA - MAXI SENSOR**

S300-PA-1-B01-RX 951451520 Polarised Retro Reflective ac/dc Relay Term Block

- · Long detection distances
- AC and DC power supply versions
- Relay / Transistor output
- Terminal Connection
- IP67



## PRODUCT DESCRIPTION

The S300-PA series of advanced MAXI photoelectric sensors represents the most suitable solution for standard applications thanks to its excellent cost/performance ratio. The series offers a wide range of models and functions in order to guarantee easy use and installation. The series presents 5 different models with through beam optical function up to 50m, retro reflective up to 15m, polarised retro reflective up to 10m, diffused proximity at 2m and background suppression at 2m. All the models are available both Vdc from 12 to 30V and Vac/Vdc free-voltage from 24 to 240V.

### FEATURES & BENEFITS

- Excellent optical performances
- Sturdy plastic housing with IP67 mechanical protection
- Wide range of operating temperatures ranging from -25 to 55°C
- Timing function from 0.6-16 s ON-delay, OFF delay ONE SHOT
- Terminal block for both Vdc and Vac/Vdc free voltage versions
- Distance trimmer clutch for mechanical background suppression models

## **APPLICATIONS**

- Automatic machines
- Transportation lines
- Wood working machines
- Automatic warehouses

# **TECHNICAL DATA**

Approvals	CE, UL
Dimension (mm)	25 x 100 x 70
Distance max	10000 mm
Distance min	100 mm

Electrical connection Terminal  Function Dark on / Light on  IP class IP67  LED indicator Yes  Lens material PC  Light type Red LED  Material of body PBT  Output Relay  Output Relay  Output current max 3 A  Photocell technology Polorised retro reflective  Reaction time 25 ms  Sensitivity setting Yes  Storage temperature max 70 °C  Storage temperature min -25 °C  Temperature operational min -25 °C  Temperature operational min -25 °C  Timer No  Type of light  LED	Dark on / Light class  IP67  Ves  Dindicator  Yes  Red LED  Red LED  Relay  Relay  Relay  Relay  Returnent max  3 A  Potocell technology  Potorised retro  action time  25 ms  rage temperature max  70 °C  rage temperature min  -25 °C  poply voltage  nperature operational max  55 °C  nperature operational min  -25 °C  No	on	
LED indicator Yes  Lens material PC  Light type Red LED  Material of body PBT  Output Relay  Output current max 3 A  Photocell technology Polorised retro reflective  Reaction time 25 ms  Sensitivity setting Yes  Storage temperature max 70 °C  Storage temperature min -25 °C  Supply voltage 24-240 V AC/24-60 V DC  Temperature operational min -25 °C  Temperature operational min -25 °C  Timer No	class IP67  D indicator Yes  Is material PC  the type Red LED  terial of body PBT  Relay  tput current max 3 A  Dtocell technology Polorised retro action time 25 ms  rage temperature max 70 °C  oply voltage 24-240 V AC/2  inperature operational min -25 °C  inperature operational min -25 °C  ner No	on	
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Light type Red LED  Material of body PBT  Output Relay  Output current max 3 A  Photocell technology Polorised retro reflective  Reaction time 25 ms  Sensitivity setting Yes  Storage temperature max 70 °C  Storage temperature min -25 °C  Supply voltage 24-240 V AC/24-60 V DC  Temperature operational max 55 °C  Temperature operational min -25 °C  Timer No	ht type  terial of body  tput  Relay  tput current max  3 A  Polorised retro action time  25 ms  rage temperature max  rage temperature min  -25 °C  poply voltage  nperature operational min  -25 °C  No	Yes	
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Temperature operational min -25 °C  Timer No	mperature operational min -25 °C  ner No		
Timer No	ner No	-60 V DC	
		-60 V DC	
Type of light LED		-60 V DC	
	pe of light LED	-60 V DC	
Weight 130 g	<b>ight</b> 130 g	-60 V DC	



