

DATA SENSING - S300-PA - MAXI SENSOR

S300-PA-2-C01-OC
 951451420 Diffuse PNP/NPN Terminal 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	2000 mm
Distance min	50 mm
Electrical connection	Terminal

Function	Dark on / Light on
IP class	IP67
LED indicator	Yes
Lens material	PC
Light type	IR LED
Material of body	PBT
Output	NPN, PNP
Output current max	0.1 A
Photocell technology	Diffuse proximity
Reaction time	1 ms
Sensitivity setting	Yes
Storage temperature max	70 °C
Storage temperature min	-25 °C
Supply voltage	12-30 V DC
Temperature operational max	55 °C
Temperature operational min	-25 °C
Timer	No
Type of light	LED
Weight	120 g



