S300 PA

The S300 PA series of advanced MAXI photoelectric sensors represents the most suitable solution for standard applications thanks to it's excellent cost/performance ratio. The new series offers a wide range of models and functions in order to guarantee easy use and installation. The new series presents 5 different models with through beam optical function up to 50m, retroreflex up to 15m, polarized retroreflex 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 versions. A timing function version with both the **SPDT** relay or the bipolar transistor NPN/PNP open collector outputs is offered. The terminal block connection simplifies and speeds-up the installation procedure, whereas the heavy-duty plastic housing guarantees excellent resistance under harsh use conditions.

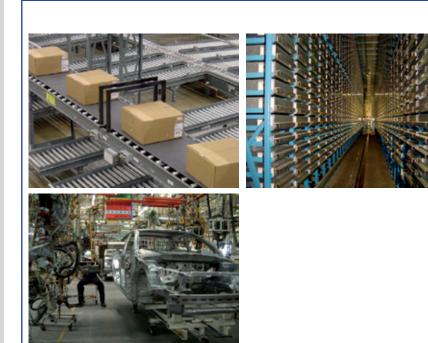


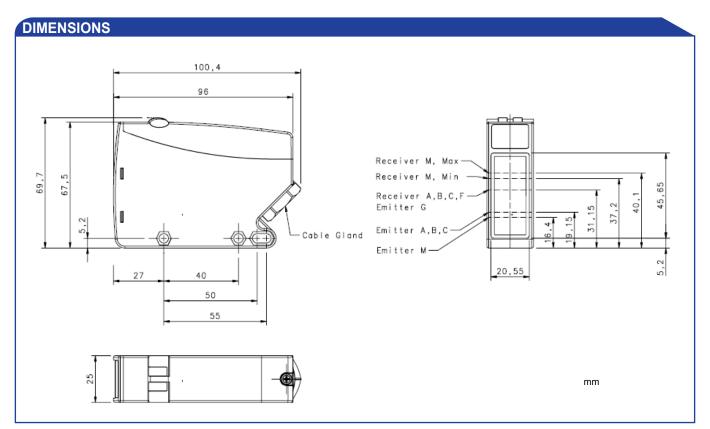


HIGHLIGHTS

- 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 ONdelay, OFF delay ONE SHOT
- Terminal block for both Vdc and Vac/Vdc free voltage versions
- Distance trimmer clutch for mechanical background suppression models

APPLICATIONS





SETTINGS

The M model presents a multiturn adjustment screw for the adjustment of the background suppression distance using a mechanical variation of the optic triangulation angle. The other models have a mono-turn electronic trimmer that adjusts the sensitivity and the sensor operating distance. The operating distance can be increased by rotating the screws clockwise. Trimmers can be used to adjust the output activation and deactivation delay time whilst functioning mode selection is performed through DIP SWITCHES.

