

S300

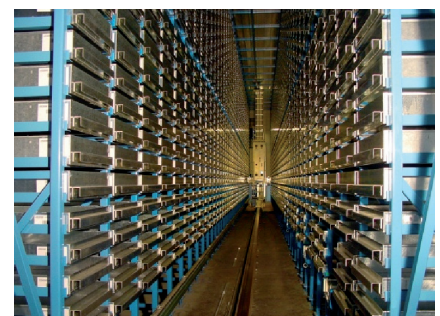
The **S300** series of advanced **MAXI** photoelectric sensors represents the most suitable solution for critical applications thanks to excellent performances and resistance in harsh working conditions. The new series offers a wide range of models and functions in order to guarantee easy use and installation. The new series presents **4** different models with **through beam** optical function up to **60m**, **polarized retroreflex** at **22m**, **diffused proximity** at **5m** and **background suppression** at **2.5m**. All the models are available both **Vdc** from **10 to 30V** and **Vac/Vdc** free-voltage from **24 to 240V** versions. A timing function version and 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.



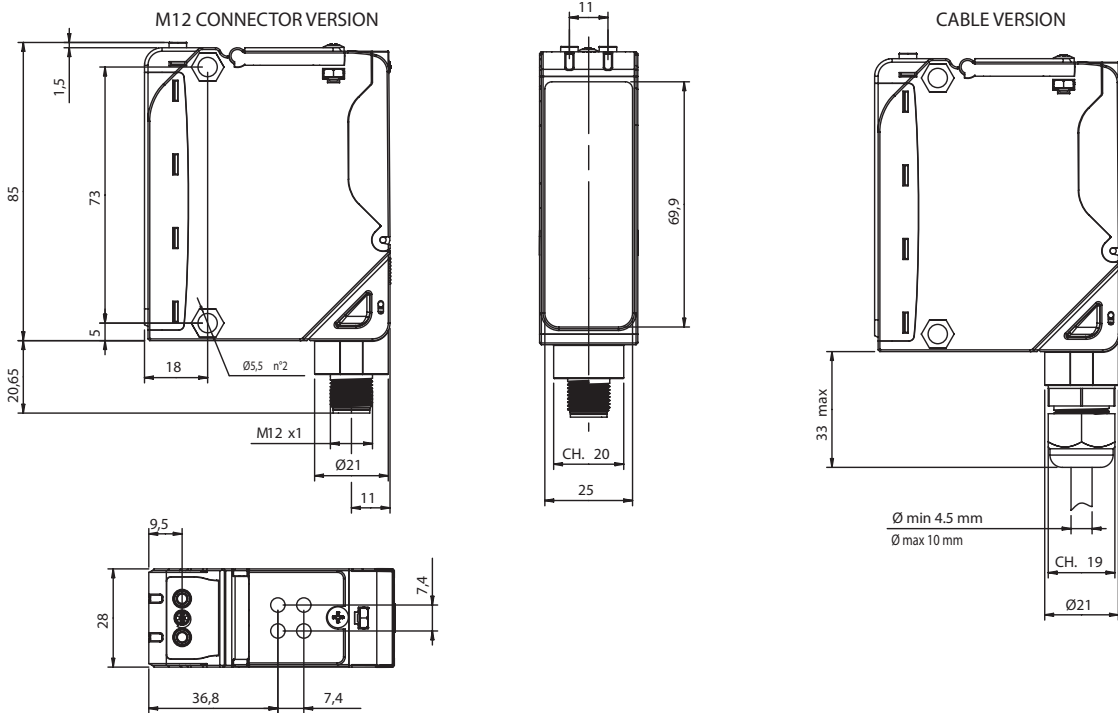
HIGHLIGHTS

- Excellent optical performances
- Sturdy plastic housing with **IP67** mechanical protection
- Defogging system function
- Wide range of operating temperatures ranging from **-40 to 55°C**
- Double independent timing with double time scale from 0-2s and from **0-10s**, **ON-delay**, **OFF delay** **ONE SHOT** timing functions
- **M12 4-pole** rotatable connector for Vdc version and terminal block for Vac/Vdc free-voltage version
- Distance trimmer clutch for mechanical background suppression models

APPLICATIONS



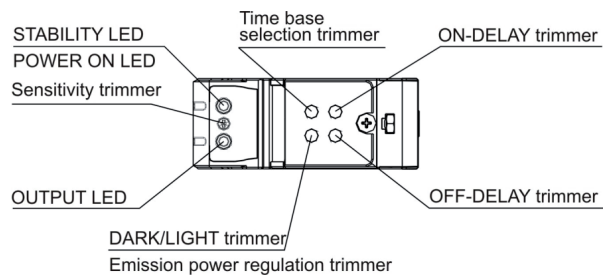
DIMENSIONS



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** as well as to select the functioning mode.

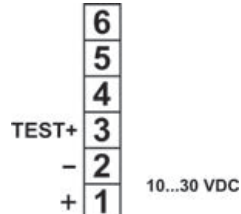
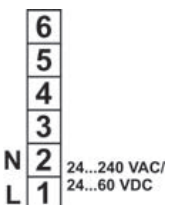
INDICATORS



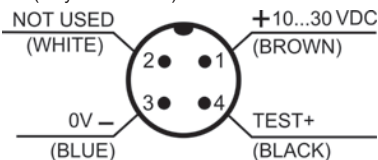
CONNECTIONS G

AC MODELS

DC MODELS



M12 CONNECTOR (only DC models)

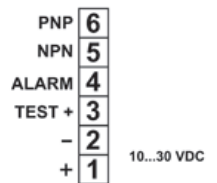
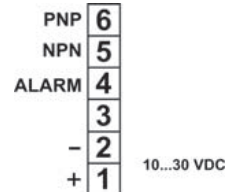
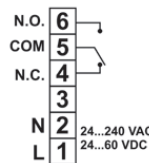


CONNECTIONS B, C, M, F

AC MODELS

ONLY F MODELS

DC MODELS



M12 CONNECTOR (only DC models)

