

DATASENSING - S60 - COMPACT SERIES

S60-PA-5-F01-PP
956201060 Through Beam Receiver PNP M12 Connector

- High precision with LED or laser emission
- Standard 50 x 50 dimensions
- Embedded cable or rotatable M12 connector
- PNP or NPN output



PRODUCT DESCRIPTION

The S60 photoelectric sensor offers all the most advanced optic functions in a standard 50 x 50 x 15mm compact housing. It presents a complete range of models, including retro reflective with coaxial optics and polarisation, background suppression, contrast sensors with white light emission and luminescence sensor with UV emission. The S60 series offers versions with cable or M12 connection. The latter can be rotated for either straight or right-angle positions. All versions have NPN or PNP output.

FEATURES & BENEFITS

- Wide range: suitable for all the industrial applications
- Laser models available
- Cable or rotatable M12 4-pole connector

APPLICATIONS

- Automatic machines
- Packaging lines
- Transportation lines
- Automatic warehouses

TECHNICAL DATA

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|-----------------------|-------------------------------|
| Approvals | CE, UL |
| Dimension (mm) | 50 x 50 x 15 |
| Distance max | 20000 mm |
| Distance min | 0 mm |
| Electrical connection | M12 4-pole connector Pig-Tail |
| Frequency | 500 Hz |
| IP class | IP67 |

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|------------------------------------|-----------------------|
| LED indicator | Yes |
| Lens material | PMMA, Glass |
| Light type | IR LED |
| Material of body | ABS plastic |
| Output | PNP |
| Output current max | 0.1 A |
| Photocell technology | Through beam receiver |
| Power consumption max | 0.04 A |
| Reaction time | 2 ms |
| Storage temperature max | 70 °C |
| Storage temperature min | -25 °C |
| Supply voltage | 10-30 V DC |
| Temperature operational max | 55 °C |
| Temperature operational min | -25 °C |
| Type of light | LED |
| Weight | 40 g |