

## DATALOGIC - S8 - MINIATURE STAINLESS STEEL PHOTOELECTRIC SENSOR

S8-MR-5-G00-XG

S8-MR-5-G00-XG THRU BEAM EMITT

- Compact size (14 x 42 x 25mm)
- M8 Connector
- IP69K stainless steel
- PNP or NPN output



### PRODUCT DESCRIPTION

The S8 photoelectric series offers the most advanced functions for background suppression, detection of transparent objects and colour mark detection, in addition to the traditional functions for the detection of opaque objects and for small objects thanks to the high resolution obtained through the models with laser emission.

IP69K requirements are met using a sturdy metal housing made of stainless steel and carry IP69K protection and certifications for use with most industrial detergents and can be used on automatic machines for the processing of food and beverage packaging and the pharmaceutical industries.

#### Features & Benefits:

- Standard optic functions for objects detection
- Detection of clear objects on reflective backgrounds
- Models with IP69K 316L stainless steel housing
- Compact housing

#### Applications:

- Food & Pharma
- Beverage & Bottling
- Packaging lines

### SPECIFICATIONS

|                              |                     |
|------------------------------|---------------------|
| <b>Approvals</b>             | CE, UL              |
| <b>Dimension (mm)</b>        | 14 x 42 x 25        |
| <b>Distance Max</b>          | 25000 mm            |
| <b>Distance Min</b>          | 0 mm                |
| <b>Electrical connection</b> | M8 4 pole connector |
| <b>Function</b>              | Dark On/Light On    |
| <b>IP Class</b>              | IP69K               |
| <b>LED indicator</b>         | Yes                 |

|                                 |                      |
|---------------------------------|----------------------|
| Lens material                   | PC, PMMA             |
| Light type                      | Red LED              |
| Material of body                | Stainless steel      |
| Output current max              | 0.1 A                |
| Photocell technology            | Through beam emitter |
| Power consumption max           | 0.015 A              |
| Reaction time                   | 0.5 ms               |
| Sensitivity setting             | No                   |
| Supply voltage                  | 12-30 V DC           |
| Temperature range bearing, from | -20 °C               |
| Temperature range bearing, to   | 70 °C                |
| Temperature range from          | -10 °C               |
| Temperature range to            | 55 °C                |
| Type of light                   | LED                  |
| Weight                          | 12 g                 |



