

DATASENSING - S8 - MINIATURE PHOTOELECTRIC SENSOR

IO-link versions available

S8-PR-5-F01-PP
950801500 Through Beam Receiver PNP M8 Connector

- Compact size (14 x 42 x 25mm)
- M8 Connector or M12 Pig-tail
- Available in IP69K stainless steel
- LED or laser emission
- Now with IO-link versions



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

TECHNICAL DATA

Approvals	CE, UL
Dimension (mm)	14 x 42 x 25
Distance max	25000 mm
Distance min	0 mm
Electrical connection	M8 4-pole connector
Function	Dark on / Light on
IP class	IP67

LED indicator	Yes
Lens material	PC, PMMA
Light type	Red LED
Material of body	ABS plastic
Output	PNP
Output current max	0.1 A
Photocell technology	Through beam receiver
Power consumption max	0.02 A
Reaction time	0.5 ms
Sensitivity setting	Yes
Storage temperature max	70 °C
Storage temperature min	-20 °C
Supply voltage	12-30 V DC
Temperature operational max	55 °C
Temperature operational min	-10 °C
Type of light	LED
Weight	12 g

