DATALOGIC - S8 - MINIATURE PHOTOELECTRIC SENSOR

IO-link versions available

S8-PR-5-T53-PP
S8-PR-5-T53-PP Clear Obj. Coax

- 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

SPECIFICATIONS

Approvals	CE, UL
Dimension (mm)	14 x 42 x 25
Distance Max	2000 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	Retro reflective for transparents
Power consumption max	0.03 A
Reaction time	0.25 ms
Sensitivity setting	Yes
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