DATALOGIC - S3Z - MINIATURE SENSOR

S3Z-PR-5-T51-PD
S3Z-PR-5-T51-PD Transparent Re

DATASENSING
easing automation challenges

- Miniature photoelectric sensor
- Universal 25.4mm mounting holes
- Embedded cable or M8 connector
- Light-on/Dark on selectable models available
- PNP or NPN output

PRODUCT DESCRIPTION

The S3Z series miniature sensor has standard universal housing which is popular in the market today. Due to its high operating distances and cost effective prices, the S3Z sensor is a great solution for any application but especially when space is an issue.

Versions with NPN or PNP output, with dark or light operating modes, as well as models that are selectable between light on and dark on. 2m embedded cable or M8 connections are available. The plastic housing is completely overprinted, guaranteeing IP67 mechanical protection.

Features & benefits:
- Complete range of optic functions with LED or laser emission
- Standard 3 wire output configuration
- IP67 mechanical protection
- Interference prevention allows two units to be mounted side by side

Applications:
- Automatic machines
- Packaging lines
- Transportation lines
- Automatic warehouses

SPECIFICATIONS

Approvals	CE, UL
Dimension (mm)	11 x 31 x 19
Distance Max	2000 mm
Distance Min	0 mm
Electrical connection	M8 4 pole connector
Function	Dark On

IP Class	IP67
LED indicator	Yes
Lens material	PMMA
Light type	Red LED
Material of body	PC/PBT
Output	PNP
Output current max	0.1 A
Photocell technology	Retro reflective for transparents
Power consumption max	0.03 A
Reaction time	1 ms
Sensitivity setting	Yes
Supply voltage	10-30 V DC
Temperature range bearing, from	-40 °C
Temperature range bearing, to	70 °C
Temperature range from	-25 °C
Temperature range to	55 °C
Type of light	LED
Weight	10 g

10,8
6,5
17,4
17,1
4,0

10,8
6,5
17,4
8,8
7,1
12,7

1 +
4
3 −

19,5
3,4
1,2
31,5
25,4
4,5
6,3
Ø M3
M8x1

2   4
1   3

13,4
9,0
2,9
10,8

10,8
6,5
17,4
17,1
4,0

10,8
6,5
17,4
8,8
7,1
12,7

19,5
3,4
1,2
31,5
25,4
4,5
6,3
Ø M3
M8x1