

SRF

95B020080

SRF-120-5-P

ULTIMATE PRECISION USING LED OR LASER EMISSIONS FOR HIGH RESOLUTION

OVERVIEW

- Visible red emission models
- High resolution LASER models
- Sensitivity adjustment trimmer and dark/light selectors
- Industrial metal housing with glass lenses

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	120mm
minimum detectable object	0,80mm
Sensitivity adjustment	Trimmer

Application

Function Principle	Fork for small object detection
Description	Slim case - fork slot 120x54 mm
Functions	Fork for small object detection

Outputs

Output type	PNP L/D selectable
Output Function	L/D selectable
Switching frequency	1,5kHz
Response time	0,33

Electrical data

Operating Voltage	10…30VDC
No-Load supply current	≤ 35mA
Load current	≤200mA
Output voltage drop	≤ 3V
LED indicators	yellow OUTPUT LED, green STABILITY LED
Emission	LED Red
Interference to external light	according to EN 60947-5-2 : 2020

Mechanical data

Dimensions	10x140x84
Material	
Housing material	Metal - Gd-Zn / Glass
Connections	M8 plug 3pin

Storage temperature	- 20°C…+70°C

Test/Approvals

Approvals	CE cULus
Shocks and vibrations	0.5 mm amplitude, 10 … 55 Hz frequency, for every axis (EN60068-2-6)

Generical Data

Dimensions	10x140x84
Operating Temperature	- 10°C…+ 60°C (Without freeze)
Mechanical Protection	IP67

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