



DS1

957701170

DS1-SD-SR-010-JV

**AREASCAN™ DETECTION AND MEASUREMENT LIGHT
GRIDS WITH ANALOG OUTPUT**

OVERVIEW

- 4 mm resolution and 1 ms response time
- 100 to 300 mm controlled height
- Operating distance up to 4 m
- PNP digital and 0-10 V analog outputs
- Adjustment trimmer

TECHNICAL FEATURES

Detection properties

Nominal sensing distance	0,15..1m
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controlled height	100mm
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minimum detectable object	7mm
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number of rays	16
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Sensitivity adjustment	n/a
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Application

Function Principle	Emitter- Receiver
Description	Slim profile - Low res. 7 mm
Functions	Light array for detection and measurement

Outputs

Output type	PNP, 0-10 V
Output Function	NO; 0...10V
Response time	1ms

Electrical data

Operating Voltage	20,4...27,6VDC
No-Load supply current	≤200mA
Load current	≤100mA
Output voltage drop	≤1,5V Iload = 100mA
LED indicators	Yellow (output state) Green (powerON)
Emission	Infrared (880nm)

Mechanical data

Dimensions	22x150x43
Weight	300g
Housing Material	Aluminium
Connections	M12 Plug

Active Head Material

PMMA

Material

Metal - Aluminium / PMMA

Test/Approvals

Approvals

CE cULus

Accessories

Supplied Accessories

Fixing brackets

Generical Data

Dimensions

22x150x43

Operating Temperature

0°C...+ 50° C

Mechanical Protection

IP65

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