



DS1

957701240

DS1-HD-SR-030-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	0,2...4m
controlled height	300mm
minimum detectable object	7mm
number of rays	48
Sensitivity adjustment	n/a

Application

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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	22x350x43
Material	Metal - Aluminium / PMMA
Housing material	Aluminium
Weight	600g

Connections	M12 Plug
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Active Head Material	PMMA
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Test/Approvals

Approvals	CE cULus
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Accessories

Supplied Accessories	Fixing brackets
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Generical Data

Dimensions	22x350x43
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Operating Temperature	0°C...+ 50° C
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Mechanical Protection	IP65
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Datasensing S.r.l.

Strada S.Caterina, 235
41122 Modena (MO)
Tel. 059 420411
Fax 059 253973
E-mail
info@datasensing.com

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