

## ALL REGISTRATION MARK DETECTION APPLICATIONS



- Teach-in, Remote settings
- Red/green or white LED emission
- Various interchangeable lenses and fiber-optic models
- Metal housing with orientable optics and connector

### Detection properties

Nominal sensing distance	9mm
Spot dimension	1,5 x 5mm
Sensitivity adjustment	Teach-in

### Application

Function Principle	Contrast mark detection
Description	Standard case - vertical spot
Optic position	Radial 90°
Functions	Contrast mark detection

### Outputs

Output type	NPN L/D Selectable
Output Function	L/D Selectable
Response time	0,05 (10kHz)

### Electrical data

Operating Voltage	10...30VDC
-------------------	------------

No-Load supply current	≤ 80mA
Output voltage drop	≤1V
LED indicators	red OUTPUT greenREADY
Short-circuit protection	YES
Reverse Polarity Protection	Yes
Emission	LED RGB
Interference to external light	according to EN 60947-5-2 : 2020
Impulsive Overvoltage Protection	Yes

### Mechanical data

Dimensions	31x58x82
Housing Material	Metal - Zamak
Connections	M12 plug
Active Head Material	Glass
Storage temperature	- 20°C...+70°C
Material	
Diameter/Dimension	Cubic

### 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	31x58x82
Operating Temperature	-10°C ... 55°C
Mechanical Protection	IP67

## Datasensing S.r.l.

Strada S.Caterina, 235

41122 Modena (MO)

Tel. 059 420411

Fax 059 253973

E-mail [info@datasensing.com](mailto:info@datasensing.com)

### date of printing

09/11/2023 08:49:50