

Overview

- 30 ... 100 mm
- pulsed red laser diode
- opto isolated
- 10 ... 40 °C



Technical data

General data

Measuring distance Sd	30 ... 100 mm
Optimum operating distance	100 mm
Counting rate	< 600000 Copies/h
Object speed	< 2 m/sec
Sensitivity	Single sheet/edge thickness 0,25 mm
Sync. input	Yes
Light source	Pulsed red laser diode
Wave length	650 nm
Laser class	2
Edge indicator	LED orange
Power on indication	LED green

Electrical data

Voltage supply range +Vs	19 ... 30 VDC
Current consumption max. (no load)	200 mA
Output circuit	Opto isolated
Output pulse length	5 / 20 ms selectable

Mechanical data

Width / diameter	31 mm
Type	Rectangular
Housing material	Aluminum / steel galvanized
Connector base	Amphenol-Tuchel C91A T 3476 001,7 pin
Front (optics)	Glass

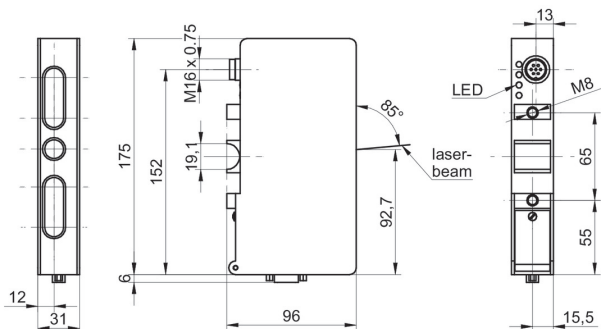
Ambient conditions

Operating temperature	10 ... +40 °C
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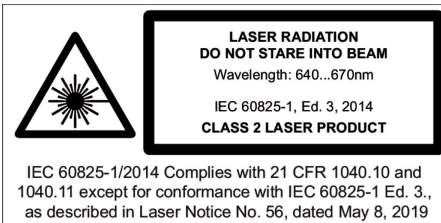
Remarks

- Für Neuprojekte empfehlen wir Scatec-15, FLDM 170C1030/S42

Dimension drawing



Laser warning



IEC 60825-1/2014 Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019

Connection diagram

