

**Overview**

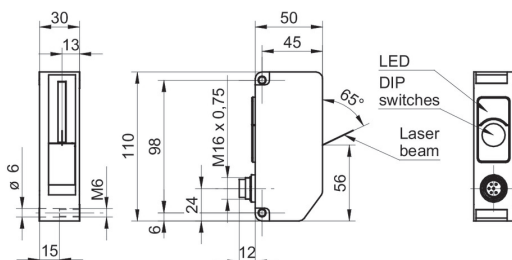
- 0 ... 60 mm
- pulsed red laser diode
- opto isolated
- high/low switchable
- 50 °C
- IP 54



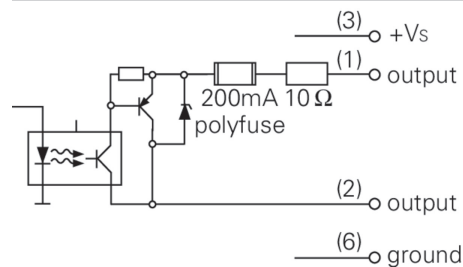
**Technical data**

General data		Electrical data	
Measuring distance Sd	0 ... 60 mm	Voltage supply range +Vs	10 ... 30 VDC
Optimum operating distance	40 mm	Current consumption max. (no load)	180 mA
Counting rate	< 600000 Copies/h	Output circuit	Opto isolated
Object speed	< 5 m/sec	Output pulse length	5 / 10 / 15 / 20 ms selectable
Object cycle distance	> 1 mm	Short circuit protection	Yes
Sensitivity	Single sheet/edge thickness 0,2 mm	Reverse polarity protection	Yes
Sync. input	No	Mechanical data	
Measuring point	Visible red laser line 2 mm	Width / diameter	30 mm
Light source	Pulsed red laser diode	Type	Rectangular
Wave length	670 nm	Housing material	PA 6
Laser class	2	Connector base (main connector)	DIN 45322, 6 pin
Edge indicator	LED yellow	Front (optics)	Glass
Power on indication	LED green	Ambient conditions	
False pulse suppression	On/off switchable	Operating temperature	0 ... +50 °C
Sensitivity adjustment	High/low switchable	Protection class	IP 54

**Dimension drawing**



**Connection diagram**



**Laser warning**



**LASER RADIATION**  
**DO NOT STARE INTO BEAM**  
Wavelength: 640...670nm  
IEC 60825-1, Ed. 3, 2014  
**CLASS 2 LASER PRODUCT**

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