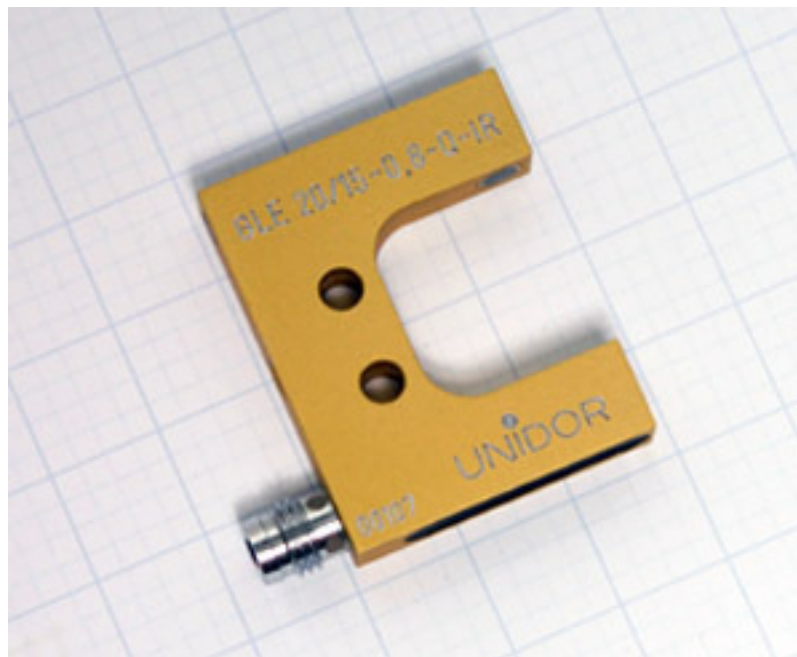


## IR-Fork Type Light Barrier GLE-Series



### Application

The fork type light barriers of FG-Series are very sturdy with a high enclosure rating and therefore ideal for pressing technique and machine tools

The sensor has an integrated amplifier and a switching state indicator by LED.

Different apertures makes it possible to detect small parts from a size of 0,3mm.

### Technical features

- Sturdy construction
- Internal amplifier
- Push-pull output
- Switching state indicator LED (green/red)
- Oil-resistant PUR-cable
- Scratch-resistant optic



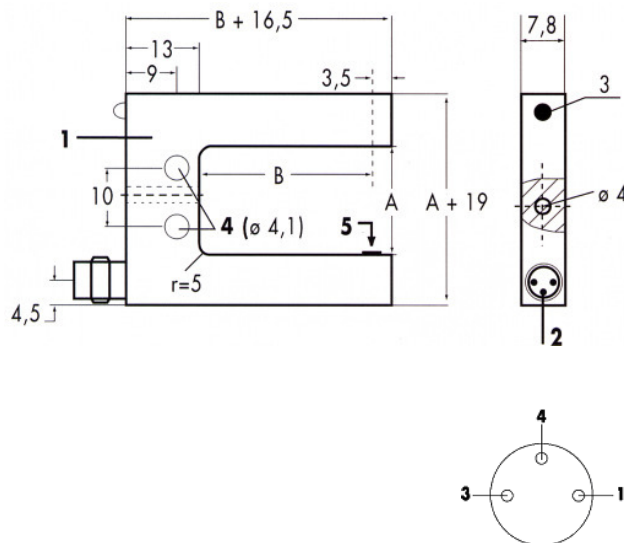
# IR-Fork Type Light Barrier

## GLE-Series

### Technical Data

Voltage supply:	+12VDC... +30VDC
Max. range:	typ. 80mA
Transmitter:	Infrared-LED 905nm
Reproducibility:	typ. 0,3mm (depends on the aperture)
Optical filter:	IR-block filter
Ambient light:	Up to 5000 Lux
Apertures:	Round apertures (0,6 0,8 1,0 1,2 1,5)
Max. switching current:	PNP 100mA, short-circuit-proof
Operating temperature:	-20 °C... +70 °C
Housing: / Enclosure rating:	Alu, gold coloured anodized / 3pol M8 / IP 67
Switching frequency:	5 kHz

### Dimensions



Fork size	A	B	Aperture
10/15	10	15	0,8*
20/15	20	15	0,8*
20/30	20	30	1,0*
25/50	25	50	1,0*
30/30	30	30	1,0*

\*standard apertures –  
by request other sizes s. technical data

#### Plug 3pin M8

Pin-No.	Configuration:
1	+Ub (+12VDC ... +30VDC)
3	GND (0V)
4	PNP (High-Signal at free beam)

### Order Data

Article-No.	Short term	Description
500306010000	GLE 10/15 (P3/0,8/S)	GLE 10 x 15 , 3 pin M8
500306020000	GLE 20/15 (P3/0,8/S)	GLE 20 x 15 , 3 pin M8
500306030000	GLE 20/30 (P3/1,0/S)	GLE 20 x 30 , 3 pin M8
500306040000	GLE 25/50 (P3/1,0/S)	GLE 25 x 50 , 3 pin M8
500306050000	GLE 30/30 (P3/1,0/S)	GLE 30 x 30 , 3 pin M8
641040030000	CCB-GLE LS*WZS 3B/7S PNP	Connection cable GLE with 7 pin plug, 2m

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