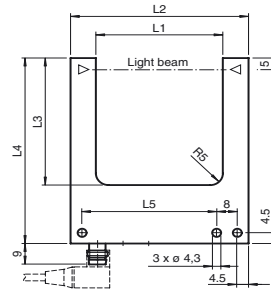
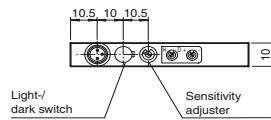




Dimensions



	L1	L2	L3	L4	L5
GL30...	30	50	35	60	33
GL50...	50	70	55	80	53
GL80...	80	100	55	80	83

Model Number

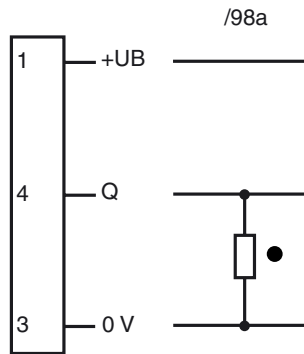
GL30-RT/32/40a/98a

Fork type sensor
with 3-pin, M8 connector

Features

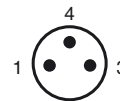
- Optimised for the detection of small parts
- High switching frequency
- Multiple device installation possible, no mutual interference
- Sensitivity adjuster and light/dark switch as standard features of this series
- Visible red light
- Protection degree IP67
- cULus approval
- diecast zinc housing, powder coated

Electrical connection



○ = Light on
● = Dark on

Pinning according



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Additional accessories can be found in the Internet.

Subject to reasonable modifications due to technical advances.

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Technical data**General specifications**

Light source	LED
Approvals	CE, cULus
Tests	EN 60947-5-2
Marking	
Obstacle size	0.3 mm
Fork width	30 mm
Light type	red, modulated light
Ambient light limit	100000 Lux

Indicators/operating means

Function display	LED red in connector
Operating elements	Sensitivity adjuster, light/dark switch

Electrical specifications

Operating voltage	10 ... 30 V DC, class 2
Ripple	10 %
No-load supply current	$I_0 \leq 15 \text{ mA}$

Output

Switching type	light/dark switching
Signal output	1 pnp, short-circuit proof, open collector
Switching voltage	max. 30 V DC
Switching current	max. 100 mA
Repeat accuracy	0.05 mm
Switching frequency	$f \quad 3 \text{ kHz}$
Response time	$\leq 160 \mu\text{s}$

Ambient conditions

Ambient temperature	-20 ... 60 °C (253 ... 333 K)
Storage temperature	-20 ... 75 °C (253 ... 348 K)

Mechanical specifications

Protection degree	IP67
Connection	M8 connector, 3-pin
Material	
Housing	diecast zinc, powder coated
Optical face	glass
Mass	60 g