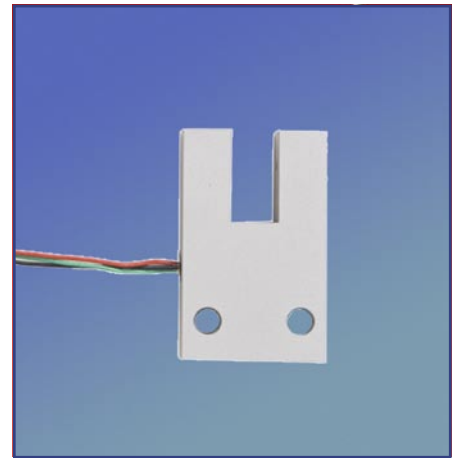




- ▶ Designed for high vacuum applications up to 10^{-8} mbar
- ▶ Very high resolution
- ▶ Easy to mount
- ▶ Ideal for edge detection or positioning applications



SPECIAL FORK SENSOR
for separate amplifier
micro ● SPOT®

▶ TECHNICAL DATA

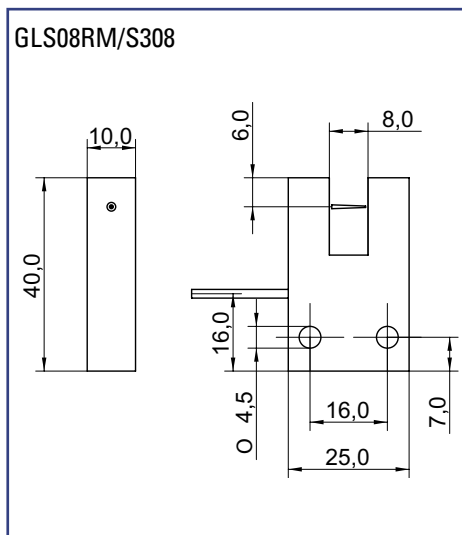
MODEL	GLS08RM/S308
Fork width (mm)	8mm
Smalles object*	Ø 1,5mm
Reproducibility**	10µm
Light type	red, 645nm
Housing material	Aluminium, anodized
Operating temperature	-10°C.. +55°C
Protection class	IP67
Supply connection	flying leads; teflon coated

*copper wire, obtained with optimal distance and sensitivity setting on the amplifier.

** This sensor is reaching his complete precision not until he achieved his operating temperature.
The warm-up phase for the experimental set-up took 30 minutes.

**GLS08RM/S308**

► **DIMENSIONS** Measurements in mm. Subject to technical change.



This sensor is designed for high vacuum applications. All materials have been selected in terms of outgassing characteristics:

- aluminium AlMgSi1, anodized
- Teflon (PFA) coated wires
- epoxies NASA approved for space flight applications

*Detailed characteristics can be provided upon request.

► **WIRING**

emitter: red: LED⁺
white: LED⁻

receiver: green: FT⁺
black: FT⁻

ORDER EXAMPLE

GLS08RM/S308 - T - 99 : 1m = standard cable length 1m; other cable lengths available on request

Other cable lengths available on Please note, for correct operation, a separate amplifier is required.