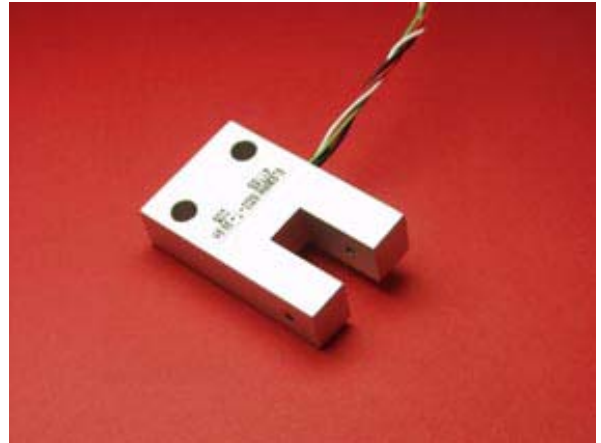


GLS08RM/S308-T-99

SPECIAL LIGHT FORK SENSOR
with separate amplifier

- ➔ optimized for high vacuum applications
- ➔ high resolution
- ➔ easy to mount
- ➔ ideal for edge detection or positioning applications



GLS08RM/S308-T-99

TECHNICAL SENSOR DATA

light type	red 645nm
connection type	Teflon-cable
temperature range	-10°C...+55°C
protection class	IP67
housing material	aluminium, anodized

RESOLUTION and SMALLEST OBJECT

resolution	1,5mm
smallest object*	Ø 1,5mm

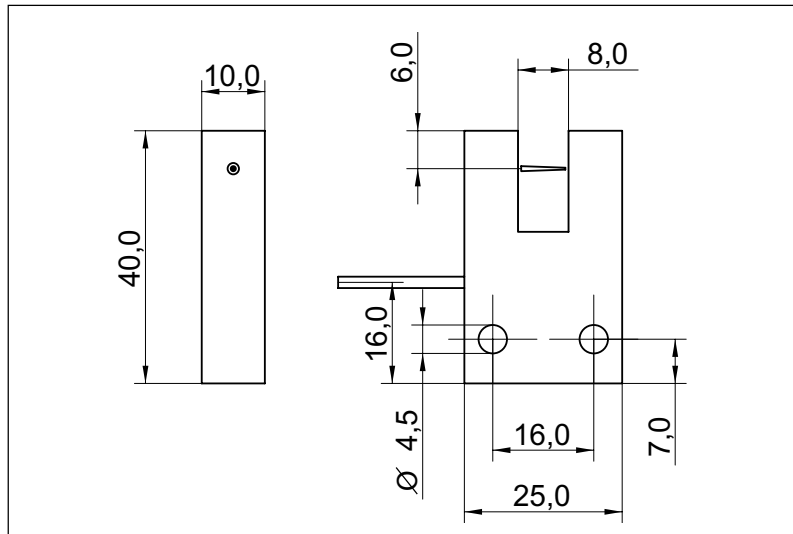
*copper wire, obtained with optimal distance and sensitivity setting on the amplifier.

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

- Aluminum AlMgSi1, anodized
- Epoxies NASA approved for space flight application*
- Teflon (PFA) sheathed cable, type STC

*Detailed characteristics can be provided upon request.

DIMENSIONS



WIRING

emitter: red: LED⁺
white: LED⁻

receiver: green: FT⁺
black: FT⁻

PART DESIGNATION

GLS08RM/S308-T-99 standard cable length 1m
(special cable length to be defined)

Please remember, for correct operation, a separate amplifier is required.