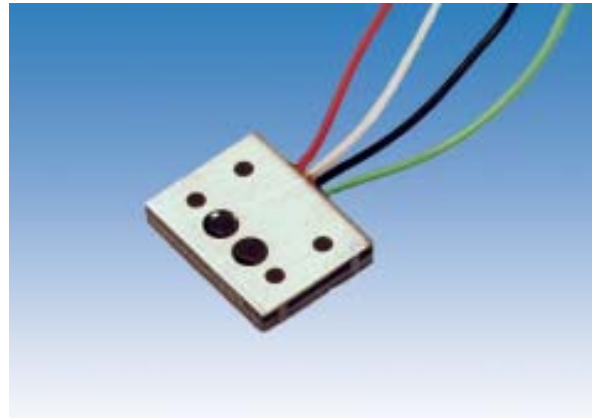


RLF24-T-99

MINI REFLECTIVE BEAM SENSOR
with separate amplifier

- ➔ optimized for high vacuum applications
- ➔ superflat design
- ➔ smallest sensor in the market
- ➔ for detection of two-dimensional objects
- ➔ designed for paddle shaped effectors



- thickness 1,7mm
- stainless steel
- for gluing or clamping fixture



actual size

TECHNICAL SENSOR DATA

light typ	infrared 880nm
connection type	flying leads teflon coated
temperature range	-10°C...+55°C
protection class	IP67

SENSING DISTANCE

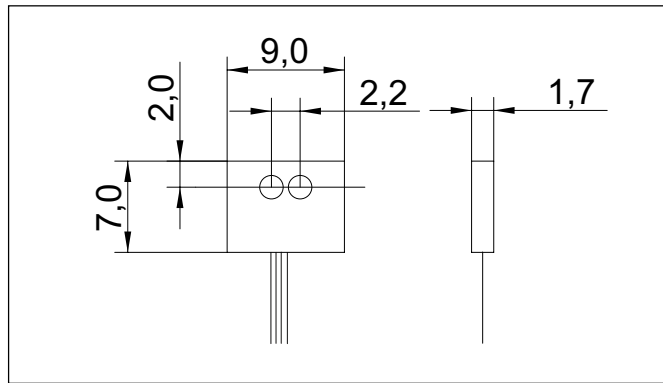
sensing distance	10mm
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This sensor is designed for high vacuum applications. All materials have been selected in terms of outgassing characteristics:

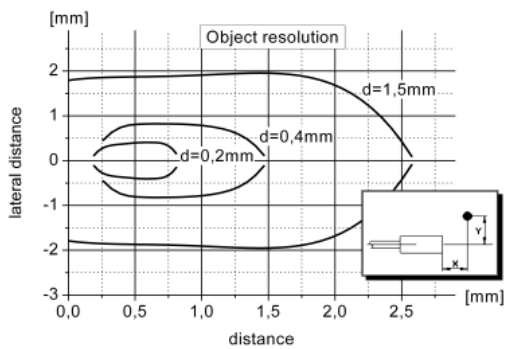
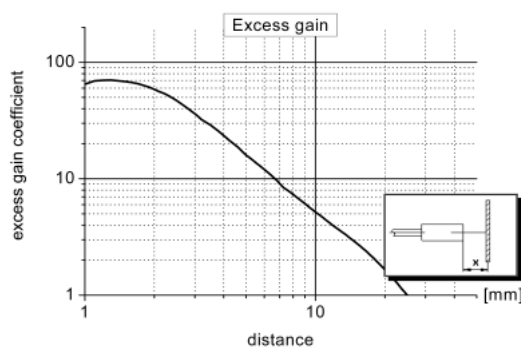
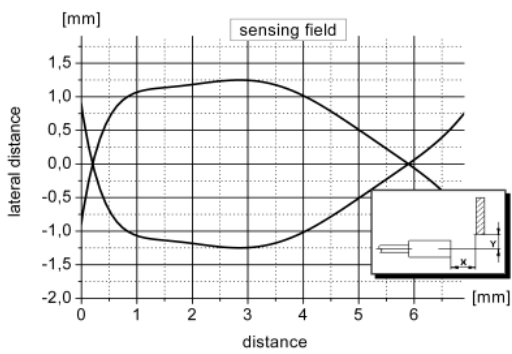
- stainless steel, 1.4301
- Teflon (PFA) sheathed cable, type STC
- Epoxies NASA approved for space flight application*

*Detailed characteristics can be provided upon request.

DIMENSIONS



GRAPHS (Obtained with V9 on max. sensitivity adjustment)



WIRING

emitter:	red:	LED ⁺
	white:	LED ⁻
receiver:	green:	FT ⁺
	black:	FT ⁻

PART DESIGNATION

RLF24-T-99:1m standard cable length 1m
(special cable length to be defined)

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