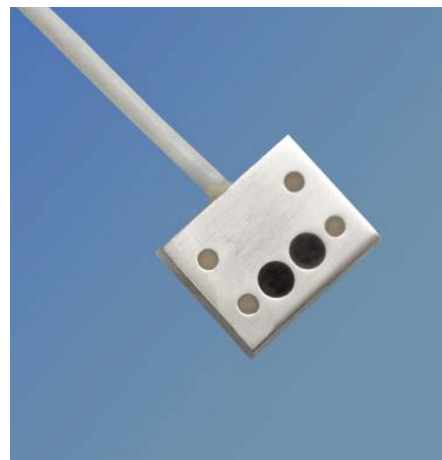


- ▶ Smallest sensor in the market
- ▶ For detection of two-dimensional objects
- ▶ Ideal for paddle shaped robot grippers
- ▶ Minimum weight
- ▶ Vacuum rated models available

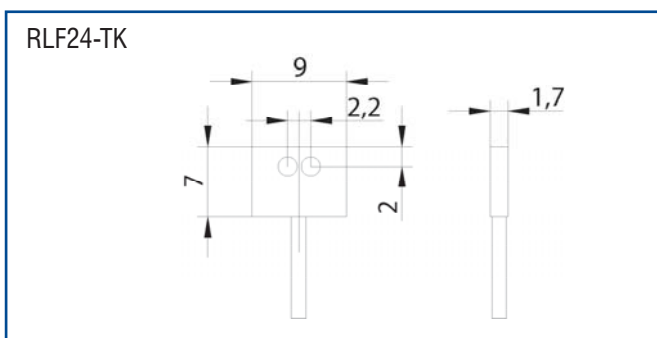


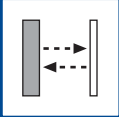
MINI REFLECTIVE BEAM SENSOR
for separate amplifier

▶ **TECHNICAL DATA**

MODEL	RLF24-TK
Light type	infrared 880nm
Operating temperature	-10°C to +55°C
Protection class	IP67
Sensing distance	10mm
Connection type	Teflon sheathed cable AWG32 with connector
Dimensions	9mm x 7mm x 1,7mm
Housing material	stainless steel
Mounting	for gluing and clamping fixture

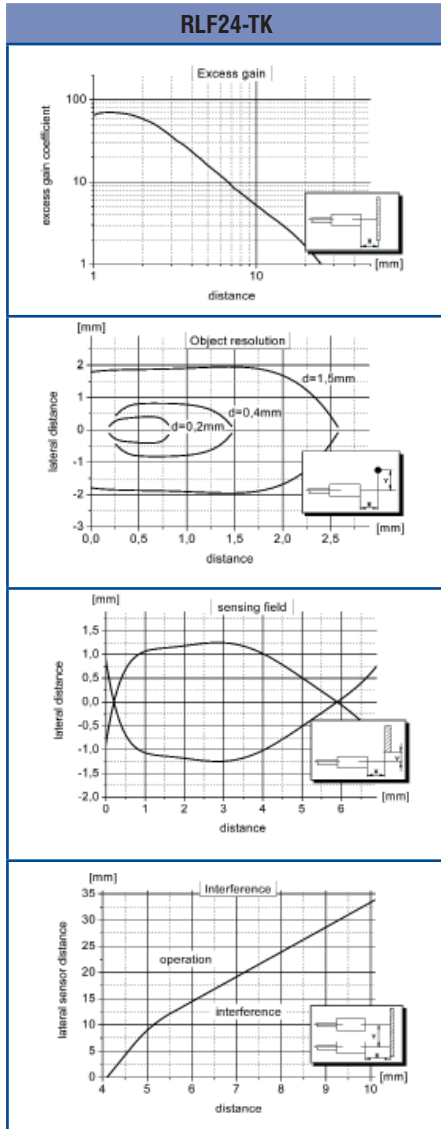
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





RLF24-TK

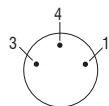
► **GRAPHS** (All Graphs showing typical data with Balluff STM amplifiers.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

- 3 + receiver (green)
- 4 GND/shielding (white, black)
- 1 + emitter (red)



connector side

	<p>jacket material TK: Teflon sheathed cable white \varnothing 1,1mm</p>	<p>connector 0: M8 - connector, 3pins special model available on request</p>	<p>cable length (specification in [m]) - standard length 1m - special cable length available on request</p>
PART DESIGNATION	<p>Model - TK- : </p>		
ORDER EXAMPLE	<p>RLF24 - TK - 0 : 1m = RLF24 infrared - Teflon sheathed cable - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		