

- ▶ **MICROmote®** - sensor for separate amplifier with extra-small diameter
- ▶ **The world's smallest non-fiber optic reflective beam sensor!**
- ▶ **Highly flexible connection cable - no installation limitations due to minimum bending radius requirements**
- ▶ **Can also be installed in the narrowest space without problems**



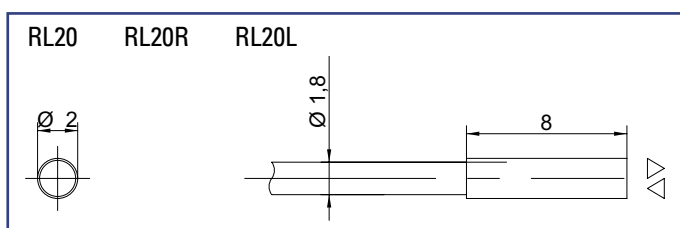
**REFLECTIVE BEAM SENSOR
for separate amplifier**

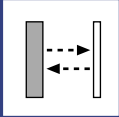
▶ **TECHNICAL DATA**

MODEL	RL20	RL20R	RL20L
Light type	infrared 880nm	red 660nm	infrared 880nm
Operating temperature	-10°C to +55°C		
Protection class	IP65		
Sensing distance	12mm*		20mm*
	up to 250mm on reflector		up to 300mm on reflector
Connection type	PUR-cable with connector		
Dimensions	Ø 2mm x 8mm		
Housing material	stainless steel		
Mounting	for gluing and clamping fixture		

* on white non glossy Paper (90% remission, 100x100mm)

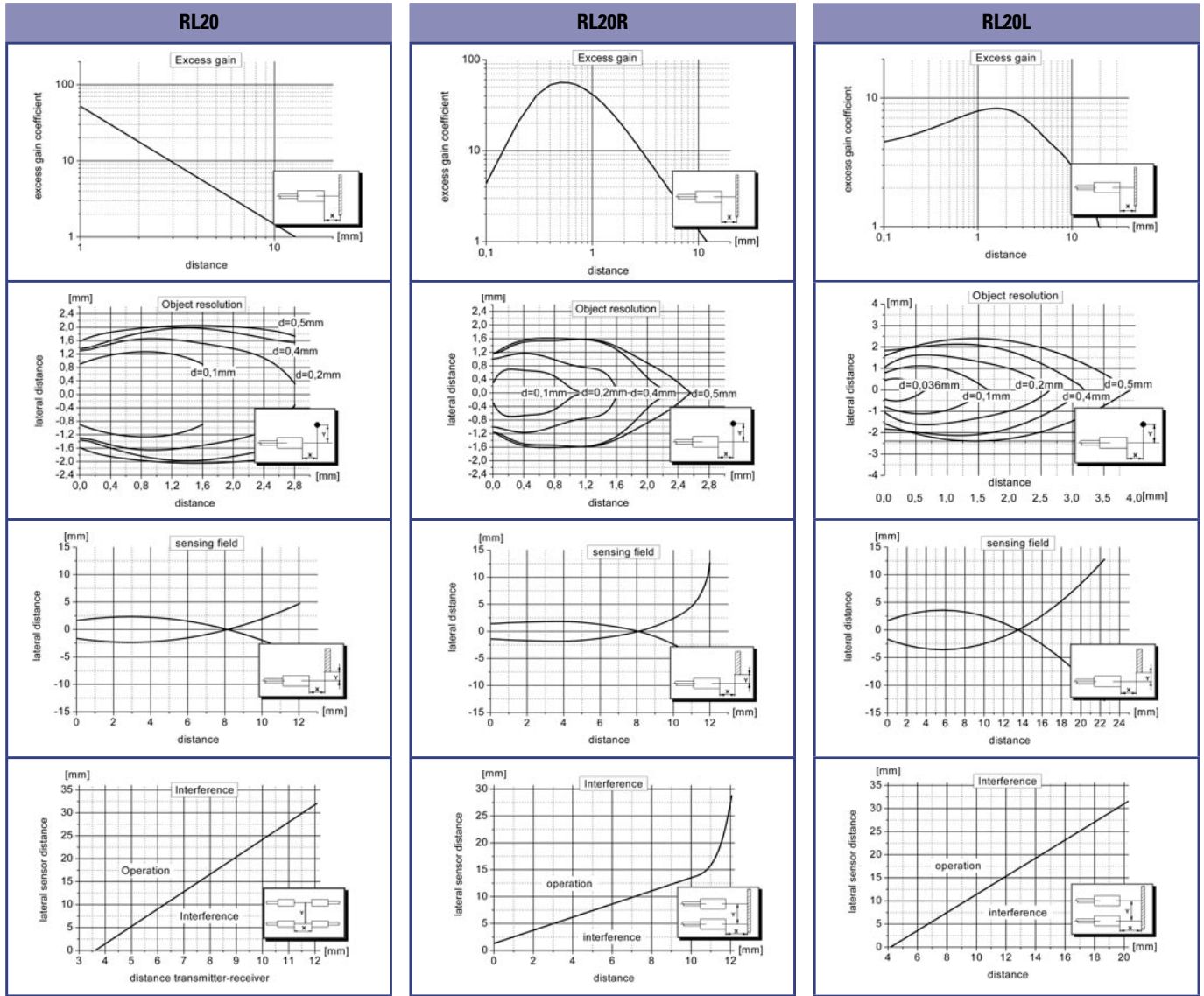
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





RL20 | RL20R | RL20L

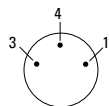
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



connector side

PART DESIGNATION	<p>jacket material</p> <p>P: PUR-cable black Ø 1,8mm</p> <p>F: highly flexible PUR-cable red Ø 1,1mm</p>	<p>connector</p> <p>0: M8 - connector 3pin</p> <p>special model available on request</p>	<p>cable length (specification in [m])</p> <p>standard length 1m</p> <p>special cable length available on request</p>
	<p>Model - [] - [] : []</p>		
ORDER EXAMPLE	<p>RL20R - P - 0 : 1m = RL20 red light - PUR-cable black - M8,3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		