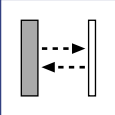
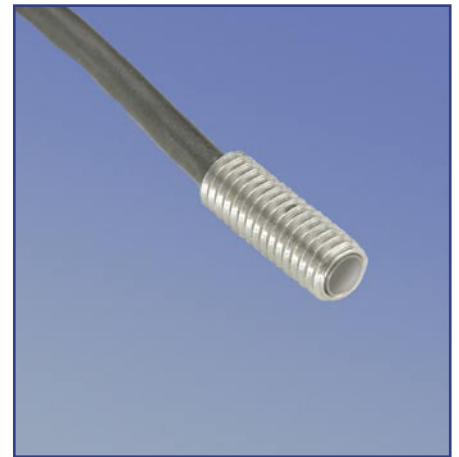


**RLM30 | RLM30R | RLM30L**



- ▶ **MICROmote®** - sensor for separate amplifier in M3 housing
- ▶ **The world's smallest non-fiber optic reflective beam sensor!**
- ▶ **Flexible, dynamic highly resilient connection cable - no minimum bending radius requirements**
- ▶ **Ideal for installation in moving machine parts**
- ▶ **Can also be installed in the narrowest space without problems**



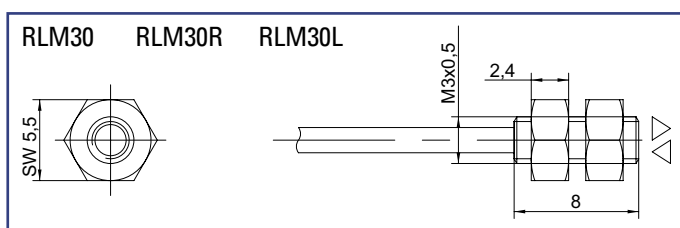
**REFLECTIVE BEAM SENSOR  
for separate amplifier**

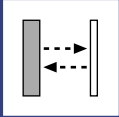
▶ **TECHNICAL DATA**

MODEL	RLM30	RLM30R	RLM30L
Light type	infrared 880nm	red light 660nm	infrared 880nm
Operating temperature	-10°C to +55°C		
Protection class	IP65		
Sensing distance	12mm*		20mm*
	up to 250mm on reflector R35		up to 300mm on reflector R35
Connection type	PUR-cable with connector		
Dimensions	M3 x 0,5mm x 8mm		
Housing material	stainless steel		
Mounting	for screw-in fixture		

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

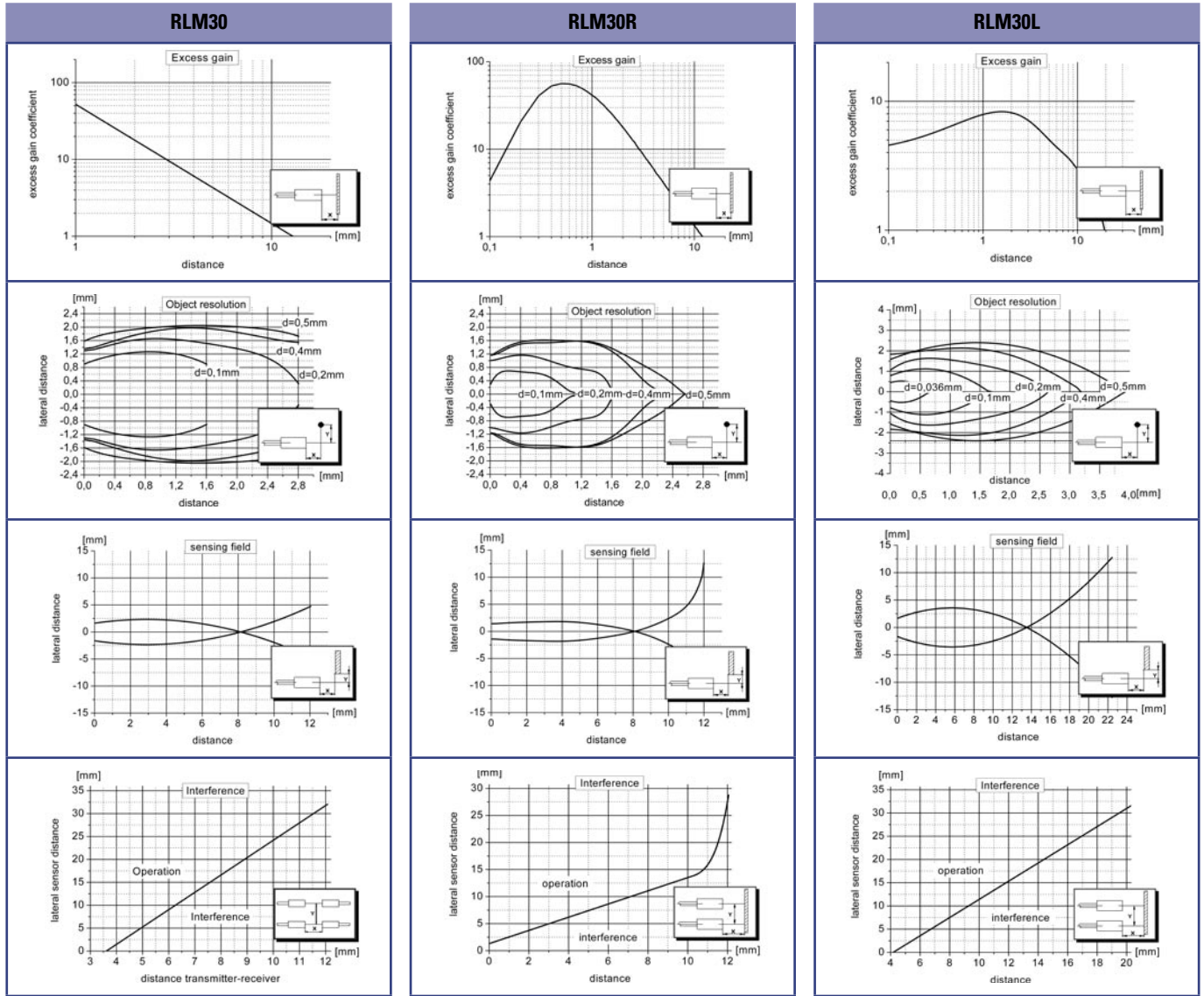
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





**RLM30 | RLM30R | RLM30L**

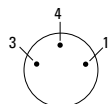
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



connector side

<b>PART DESIGNATION</b>	<p><b>jacket material</b></p> <ul style="list-style-type: none"> <li>P: PUR-cable black ø 1,8mm</li> <li>F: highly flexible PUR-cable red ø 1,1mm</li> </ul>	<p><b>connector</b></p> <ul style="list-style-type: none"> <li>0: M8 - connector 3pin</li> <li>special model available on request</li> </ul>	<p><b>cable length</b> (specification in [m])</p> <ul style="list-style-type: none"> <li>standard length 1m</li> <li>special cable length available on request</li> </ul>
	<b>Model</b> - [ ] - [ ] : [ ]		
<b>ORDER EXAMPLE</b>	<p><b>RLM30R - P - 0 : 1m</b> = RLM30 red light - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		