

- ▶ **MICROmote®**-sensor for separate amplifier in M6 housing
- ▶ **Powerfull light sensor with more efficient optics**
- ▶ **The flexible connection cable makes it ideal for use in moving machine parts**
- ▶ **Thanks to microSPOT technology, the detection of the smallest object is possible without interfering reflections from the environment**



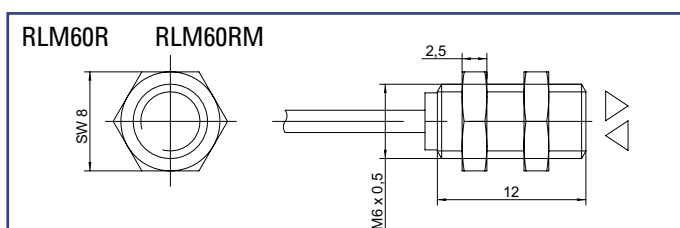
**REFLECTIVE BEAM SENSOR
for separate amplifier**

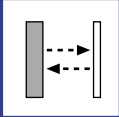
▶ **TECHNICAL DATA**

MODEL	RLM60R	RLM60RM
Light type	red 660nm	micro ● SPOT® ** 645nm
Operating temperature	-10°C to +55°C	
Protection class	IP65	
Sensing distance	60mm*	
	800mm on reflector R35	
Lightspot diameter at 50mm	14mm	5mm
Connection	PUR-cable with connector	
Dimensions	M6 x 0,5mm x 12mm	
Housing material	nickel-plated brass	
Mounting	for screw-in fixture	

* on white non glossy paper (90% remission, 100x100mm)
** registered Trademark of STM GmbH

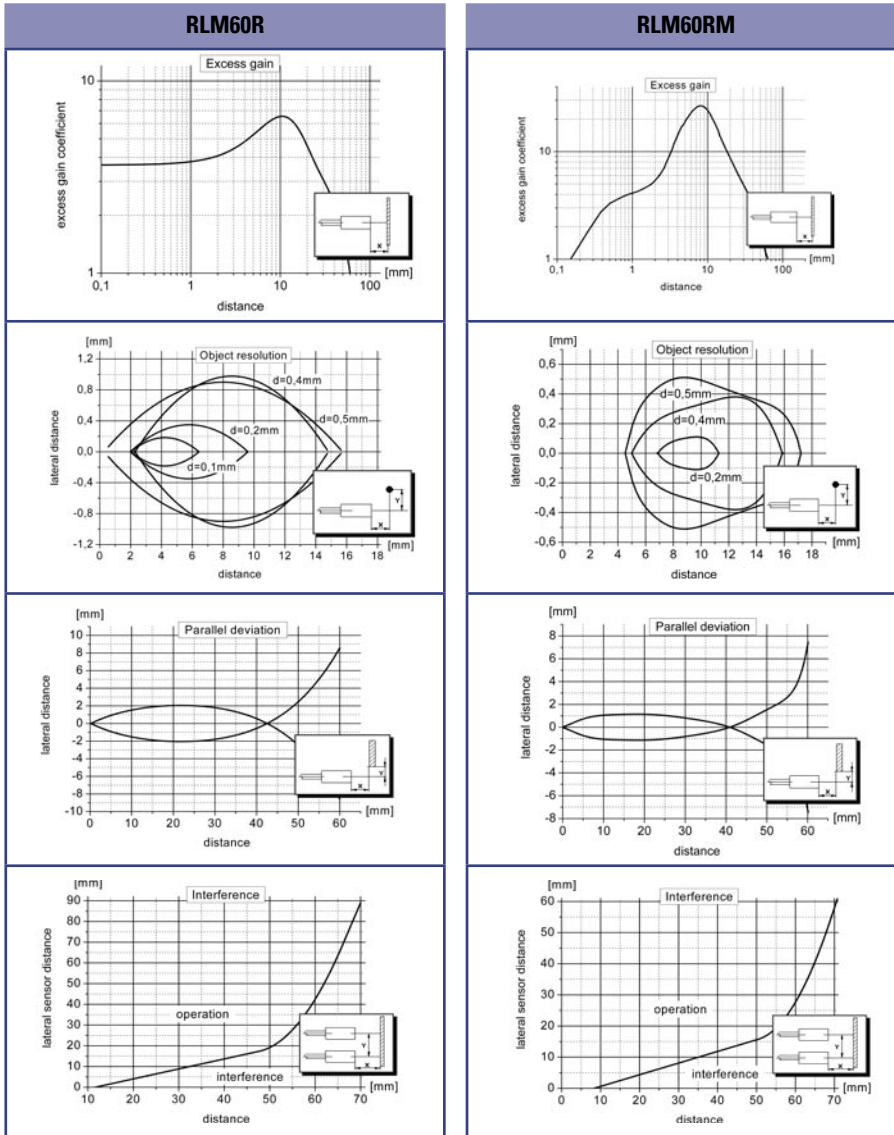
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





RLM60R | RLM60RM

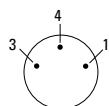
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **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 \varnothing 1,8mm</p> <p>F: highly flexible PUR-cable red \varnothing 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 - <input type="text"/> - <input type="text"/> : <input type="text"/></p>	<p>ORDER EXAMPLE RLM60R - P - 0 : 1m = RLM60 red light - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>	