

- ▶ **MICROmote®**-sensor for separate amplifier in compact cuboid housing
- ▶ The **microSPOT** optics allow the precise detection of the smallest objects, even when densely packed
- ▶ **Highly flexible connection cables** simplify installation even in tight spaces



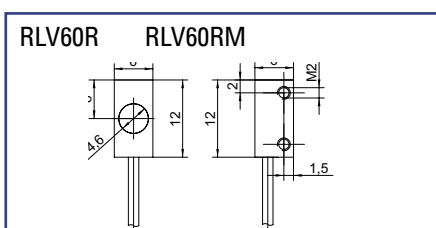
**REFLECTIVE BEAM SENSOR
for separate amplifier**

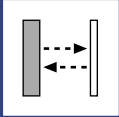
▶ **TECHNICAL DATA**

MODEL	RLV60R	RLV60RM
Light type	red 660nm	micro SPOT ® ** 645nm
Operating temperature	-10°C to +55°C	
Protection class	IP65	
Sensing distance	max. 60mm*	
	max. 800mm on reflectorR35	
Connection type	PUR-cable with connector	
Lightspot diameter at 50mm	11mm	4mm
Dimensions	6mm x 6mm 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

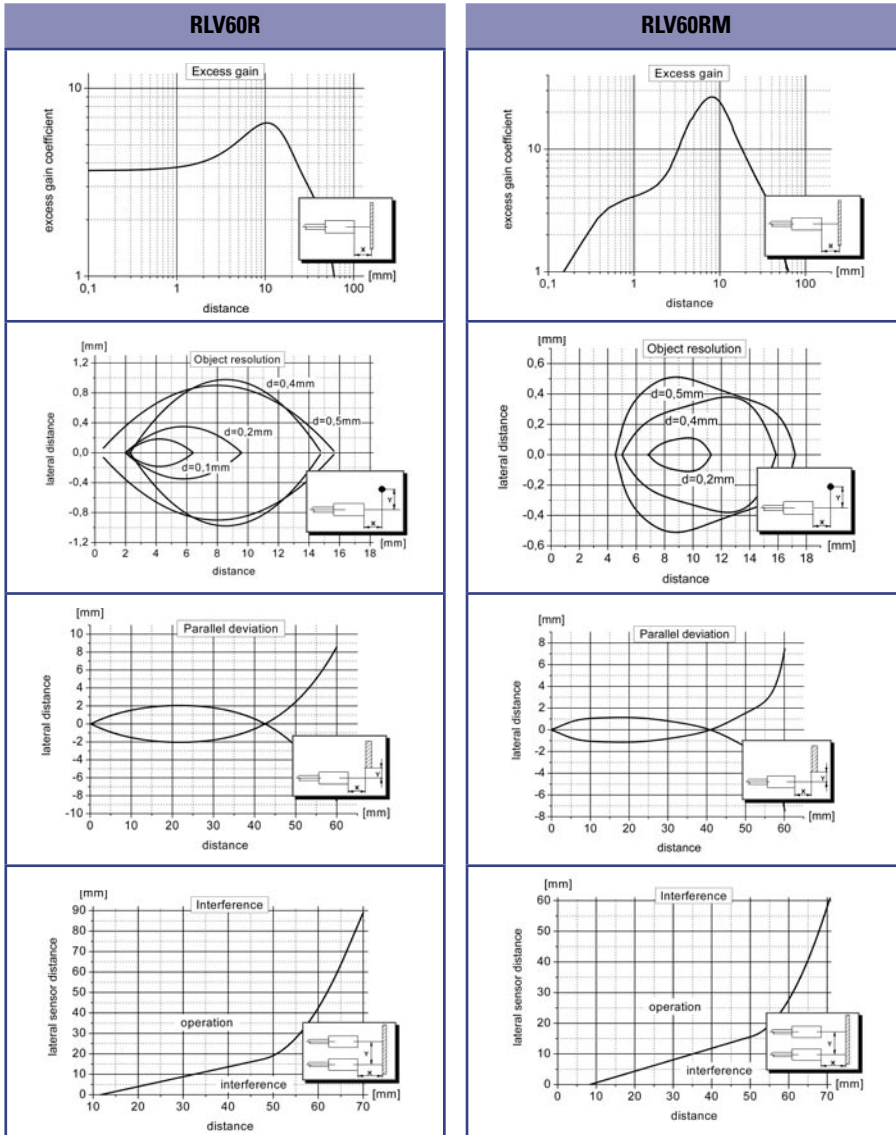
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





RLV60R | RLV60RM

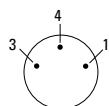
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **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: PUR-cable black \varnothing 1,8mm F: highly flexible PUR-cable red \varnothing 1,1mm</p>	<p>connector 0: M8 - connector 3pin special model available on request</p>	<p>cable length (specification in [m]) standard length 1m special cable length available on request</p>
	<p>Model - [] - [] : []</p>		
ORDER EXAMPLE	<p>RLV60R - P - 0 : 1m = RLV60 red light - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		