



- ▶ **MICROmote®** -sensor for separate amplifier in very small housing
- ▶ The RLV385 reflective sensors unite all the advantages of STM sensors: minimum dimensions and extraordinary optical performance thanks to the latest LED technology
- ▶ microSPOT optics provide an extraordinary low beam angle of 3,5°
- ▶ Thanks to microSPOT technology, the perfect light spot allows detection of the smallest objects without interfering reflections from the environment



**REFLECTIVE BEAM SENSOR
for separate amplifier**

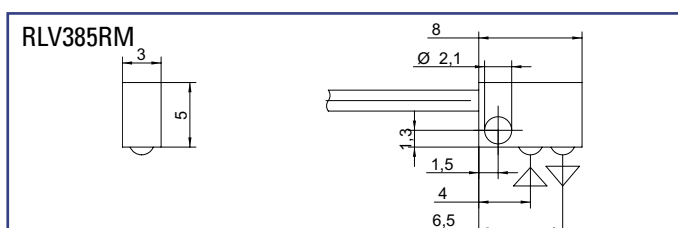
▶ **TECHNICAL DATA**

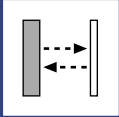
MODEL	RLV385RM
Light type	micro ● SPOT® ** 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	70mm*
	800mm on reflector R35
Lightspot diameter	at 50mm: 5mm
Connection	PUR-cable with connector
Dimensions	3mm x 8mm x 5mm
Housing material	nickel-plated brass
Mounting	for screw-in fixture

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

** registered Trademark of STM GmbH

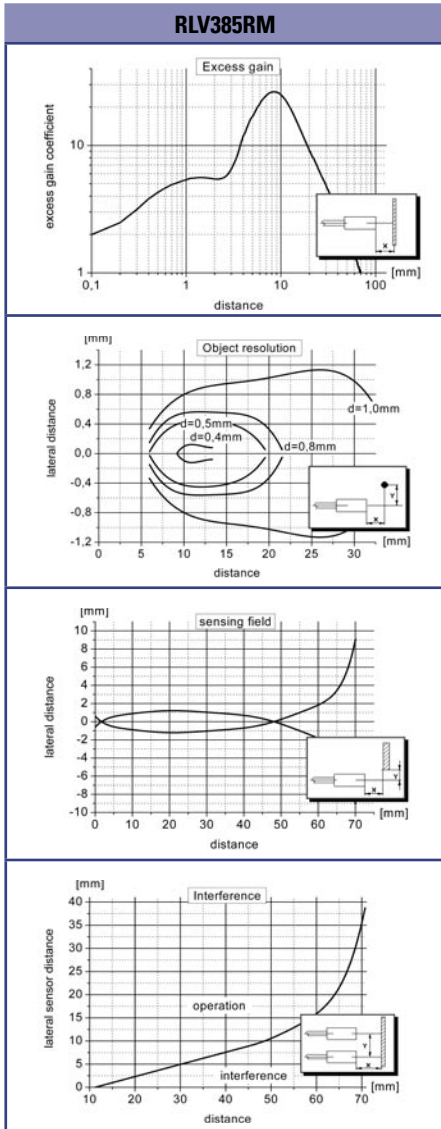
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





RLV385RM

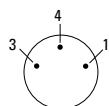
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



connector side

	<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 on request</p>
PART DESIGNATION	<p>Model - <input type="text"/> - <input type="text"/> : <input type="text"/></p>		
ORDER EXAMPLE	<p>RLV385RM - P - 0 : 1m = RLV385 microSPOT - PUR-cable black - M8, 3pin : cable length 1m</p>		
<p>Please note, for correct operation, a separate amplifier is required.</p>			