



- ▶ **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
- ▶ nanoSPOT optics provide an extremely low beam angle of 1,5°
- ▶ Thanks to nanoSPOT technology, the perfect light spot allows detection of the smallest objects without interfering reflections from the environment



nano • SPOT® **REFLECTIVE BEAM SENSOR**
for separate amplifier

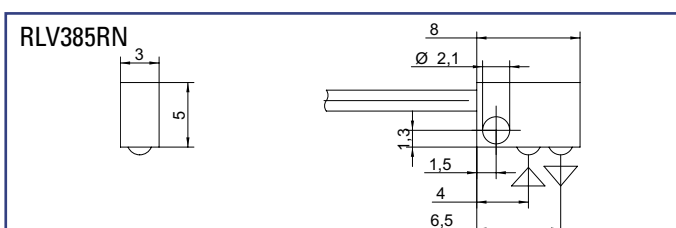
▶ **TECHNICAL DATA**

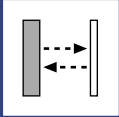
MODEL	RLV385RN
Light type	nano • SPOT® ** 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	20mm*
	500mm on reflector R35
Lightspot diameter	at 20mm: 1mm
Connection	PUR-cable with connector
Dimensions	3mm x 8mm x 5mm
Housing material	nickel-plated brass
Mounting	for screw-in fixture

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

** registered Trademark of STM GmbH

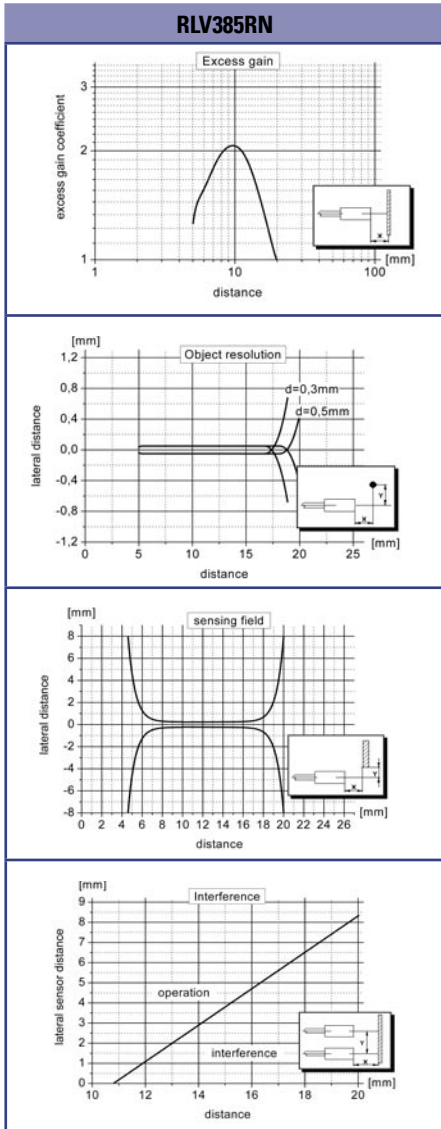
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





RLV385RN

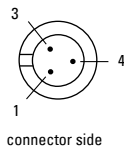
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 2: 719, 3pin (standard)

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



	<p>jacket material</p> <ul style="list-style-type: none"> P: PUR-cable black \varnothing 1,8mm F: highly flexible PUR-cable red \varnothing 1,1mm 	<p>connector</p> <ul style="list-style-type: none"> 2: 719 - connector 3pin special model available on request 	<p>cable length (specification in [m])</p> <ul style="list-style-type: none"> standard length 1m special cable length on request 	
PART DESIGNATION	<p>Model - <input type="text"/> - <input type="text"/> : <input type="text"/></p>			

ORDER EXAMPLE	<p>RLV385RN - P - 2 : 1m = RLV385 nanoSPOT - PUR-cable black - 719, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate nanoSPOT amplifier is required.</p>
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