



- ▶ MICROmote®-sensor for separate amplifier with extra small diameter
- ▶ The world's smallest through beam sensor!
- ▶ Thanks to nanoSPOT technology, the perfect light spot minimizes interfering reflections on adjacent surfaces
- ▶ nanoSPOT optics provide an extremely low beam angle of 1,5° and guarantee the highest resolution without additional lenses or apertures
- ▶ Extra flexible cable - no installation limitations from minimum bending radius requirements



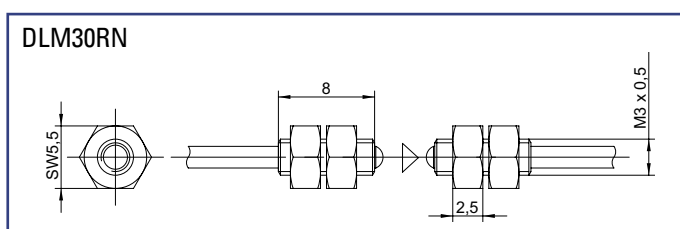
nano•SPOT® THROUGH BEAM SENSOR for separate amplifier

▶ TECHNICAL DATA

MODEL	DLM30RN
Light type	nano•SPOT® ** 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	800mm
Light spot diameter at 100mm	3,5mm
Smallest object*	0,03mm
Connection type	PUR-cable with connector
Dimensions	M3 x 0,5mm x 8mm
Housing material	stainless steel
Mounting	for screw-in fixture

\* Ø copper wire of infinite length. Depending on adjustment and sensing distance (see graphs).  
 \*\* registered Trademark of STM GmbH

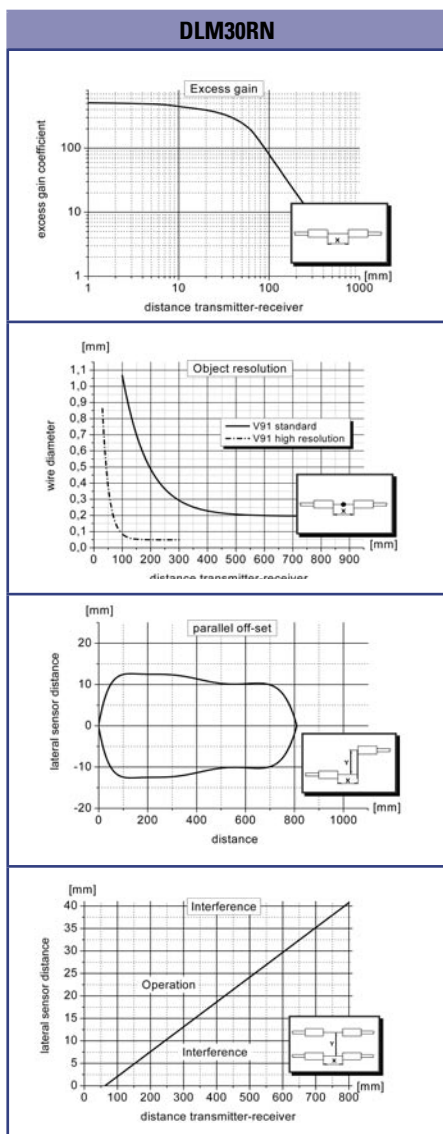
▶ DIMENSIONS Measurements in mm. Subject to technical change.





**DLM30RN**

► **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)

connector side

	<p><b>jacket material</b>  <b>P</b>: PUR-cable black ø 1,8mm  <b>F</b>: highly flexible PUR-cable red ø 1,1mm</p>	<p><b>connector</b>  <b>2</b>: 719 - connector 3pin                  special model available on request</p>	<p><b>cable length</b> (specification in [m])                  standard length 1m                  special cable length available on request</p>
<b>PART DESIGNATION</b>	<p><b>Model</b> - [ ] - [ ] : [ ]</p>		
<b>ORDER EXAMPLE</b>	<p><b>DLM30RN - P - 2 : 1m</b> = DLM30 nanoSPOT - PUR-cable black - 719, 3pin : cable length 1m                  Please note, for correct operation, a separate nanoSPOT amplifier is required.</p>		