



- ▶ **MICROmote®**-sensor for separate amplifier in M5 housing
- ▶ **nanoSPOT** optics provide a close to parallel light beam (1° divergence)
- ▶ **Best lateral resolution and especially high repeat precision**
- ▶ **Thanks to nanoSPOT technology, the perfect light spot prevents environmental interference and guarantees precision, even at long ranges**
- ▶ **Especially easy to install**



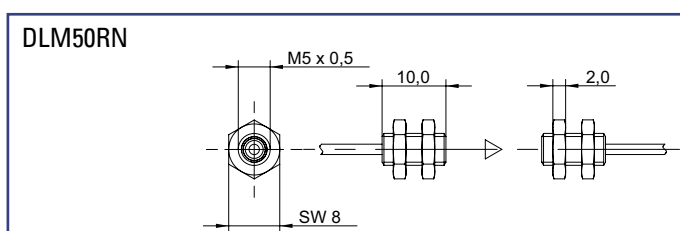
nano • SPOT® **THROUGH BEAM SENSOR**
for separate amplifier

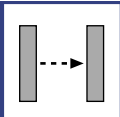
▶ **TECHNICAL DATA**

MODEL	DLM50RN
Light type	nano • SPOT® ** 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	1500mm
Light spot diameter at 100mm	2,8mm
Smallest object*	< 0,1mm
Connection type	PUR-cable with connector
Dimensions	M5 x 0,5mm x 10mm
Housing material	nickel-plated brass
Mounting	for screw-in fixture

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

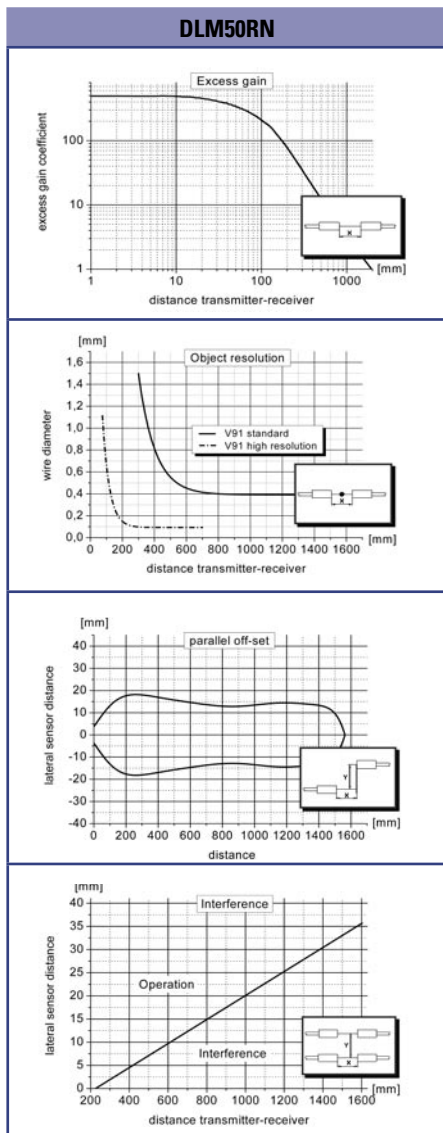
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





DLM50RN

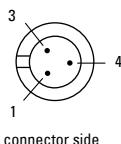
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 2: 719, 3pin (standard)

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



<p>jacket material P: PUR black ø 1,8mm F: highly flexible PUR red ø 1,1mm</p>	<p>connector 2: 719 - 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>PART DESIGNATION Model - [] - [] : []</p>		
<p>ORDER EXAMPLE DLM50RN - P - 2 : 1m = DLM50 nanoSPOT - PUR-cable black - 719, 3pin : cable length 1m Please note, for correct operation, a separate nanoSPOT-amplifier is required.</p>		