



- ▶ **MICROmote®** -sensor for separate amplifier in robust 4mm housing
- ▶ Thanks to nanoSPOT technology, the perfect light spot guarantees precision, even at long ranges
- ▶ nanoSPOT optics provide a close to parallel light beam (1° divergence)
- ▶ Especially flexible connecting cables allow installation even in moving machine parts



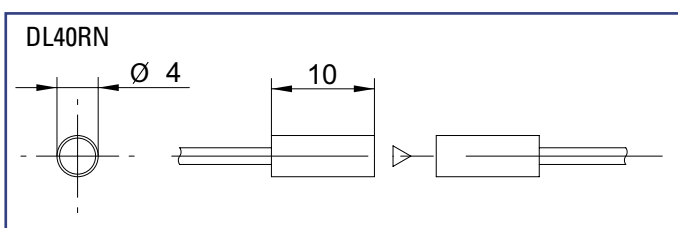
nano • SPOT® **THROUGH BEAM SENSOR**
for separate amplifier

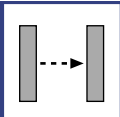
▶ **TECHNICAL DATA**

MODEL	DL40RN
Light type	nano • SPOT® ** red 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	1500mm
Lightspot diameter at 100mm	2,8mm
Smallest object*	0,1mm
Connection	PUR-cable with connector
Dimensions	Ø 4mm x 10mm
Housing material	stainless steel
Mounting	for gluing and clamping fixture

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

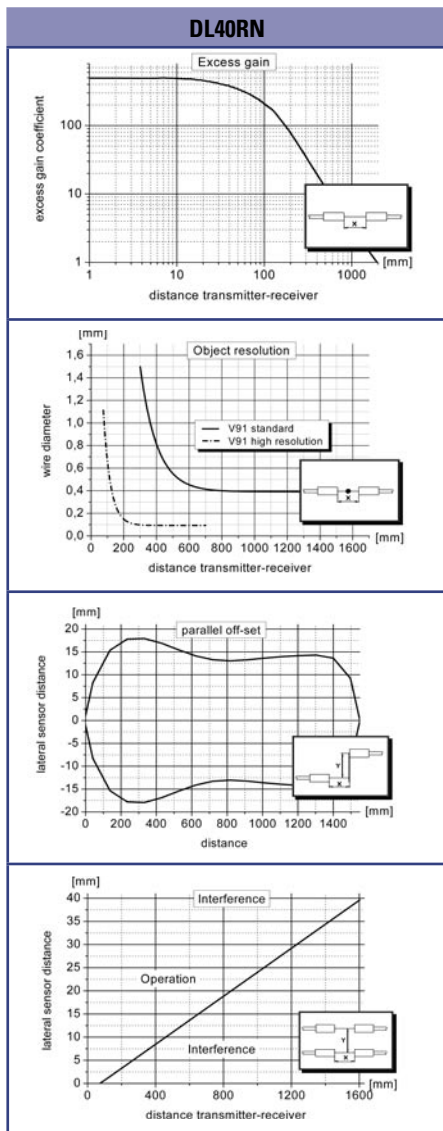
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





DL40RN

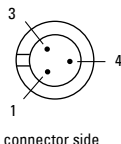
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 2: 719, 3pin (standard)

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



	<p>jacket material P: PUR-cable black ø 1,8mm F: highly flexible PUR-cable 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 (emitter and receiver side each) special cable length available on request</p>	
PART DESIGNATION	Model - [] - [] : []			
ORDER EXAMPLE	DL40RN - P - 2 : 1m = DL40 nanoSPOT - PUR-cable black - 719,3pin : cable length 1m			
	Please note, for correct operation, a separate nanoSPOT amplifier is required.			