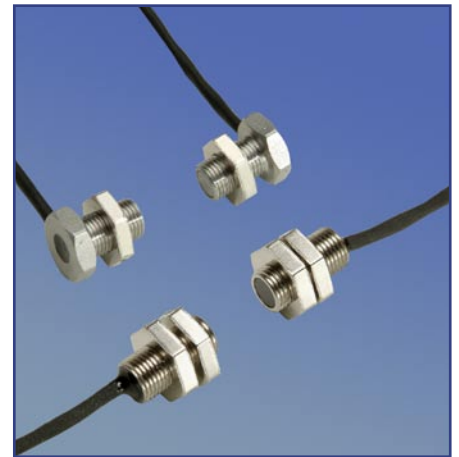




- ▶ MICROmote® -sensor for separate amplifier in M5 housing
- ▶ microSPOT optics provide an extraordinary low beam angle of 2,5°
- ▶ Best lateral resolution and especially high repeat precision
- ▶ Thanks to microSPOT- technology, the perfect light spot prevents environmental interference and guarantees precision, even at long ranges
- ▶ Especially easy to install



THROUGH BEAM SENSOR for separate amplifier

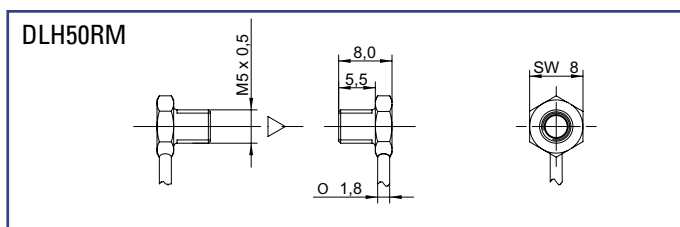
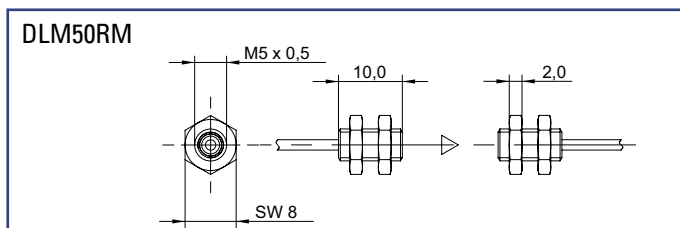
▶ TECHNICAL DATA

MODEL	DLM50RM	DLH50RM
Light type	micro ● SPOT® ** 645nm	micro ● SPOT® ** 645nm
Operating temperature	-10°C to +55°C	
Protection class	IP65	
Sensing distance	2000mm	
Light spot diameter at 100mm	8mm	
Smallest object*	< 0,1mm	
Connection type	PUR-cable with connector	
Dimensions	M5 x 0,5mm x 10mm	M5 x 0,5mm x 8mm
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

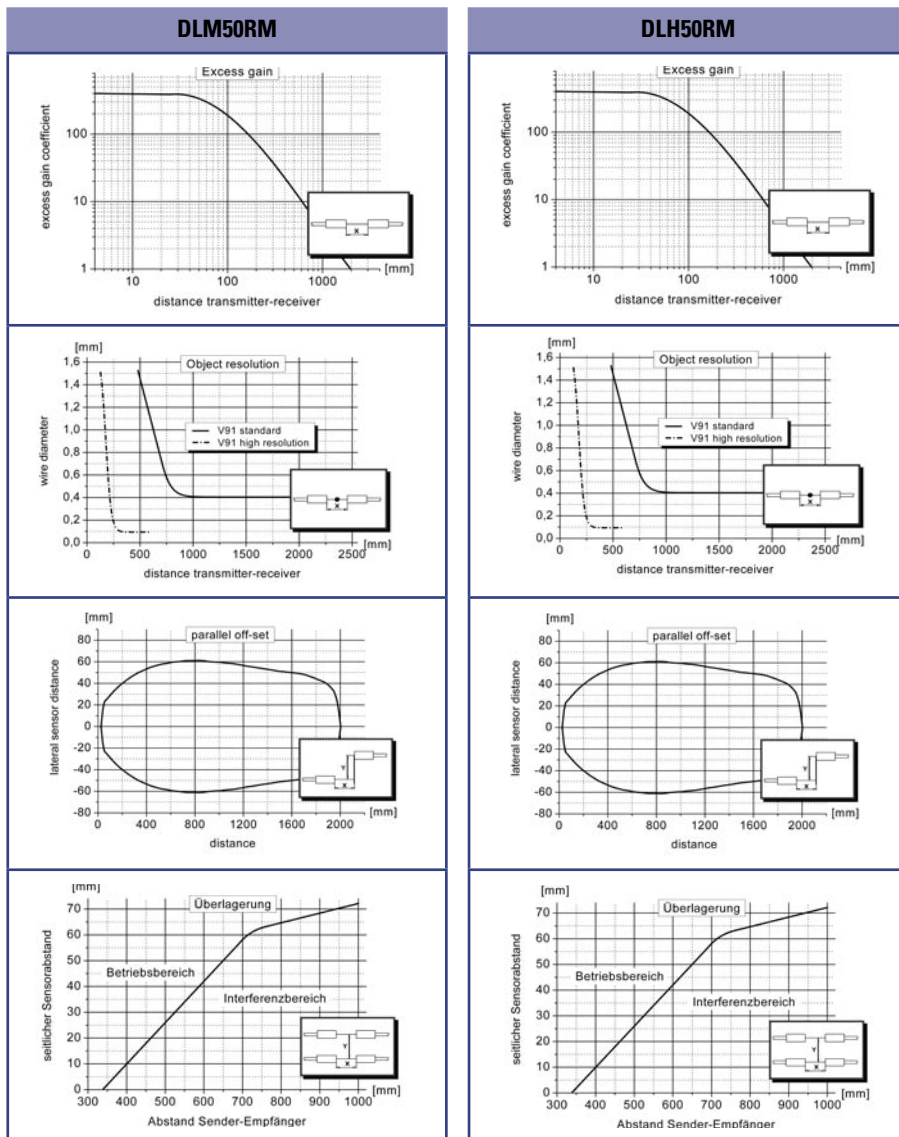
▶ DIMENSIONS Measurements in mm. Subject to technical change.





DLM50RM | DLH50RM

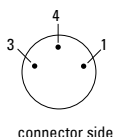
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



<p>jacket material P: PUR black ø 1,8mm F: highly flexible PUR red ø 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 available on request</p>
<p>PART DESIGNATION Model - [] - [] : []</p>		
<p>ORDER EXAMPLE DLM50RM - P - 0 : 1m = DLM50 microSPOT - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		