



- ▶ MICROmote®-sensor for separate amplifier with extra small diameter
- ▶ The world's smallest through beam sensor!
- ▶ Thanks to microSPOT technology, the perfect light spot minimizes interfering reflections on adjacent surfaces
- ▶ microSPOT optics provide an extraordinary low beam angle of 3,5° and guarantee the highest resolution without additional lenses or apertures
- ▶ Extra flexible cable - no installation limitations from minimum bending radius requirements



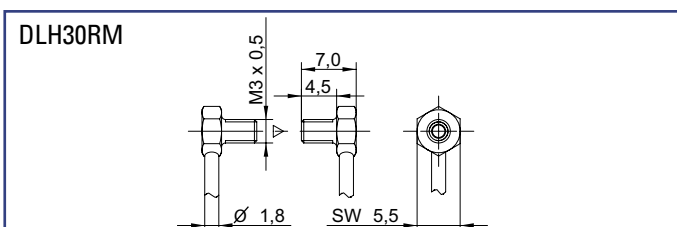
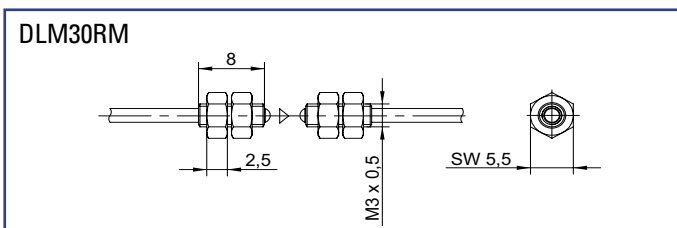
THROUGH BEAM SENSOR for separate amplifier

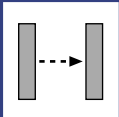
▶ TECHNICAL DATA

MODEL	DLM30RM	DLH30RM
Light type	micro ● SPOT® ** 645nm	micro ● SPOT® ** 645nm
Operating temperature	-10°C to +55°C	
Protection class	IP65	
Sensing distance	500mm	
Light spot diameter at 100mm	10mm	
Smallest object*	0,04mm	
Connection type	PUR-cable with connector	
Dimensions	M3 x 0,5mm x 8mm	M3 x 0,5mm x 7mm
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

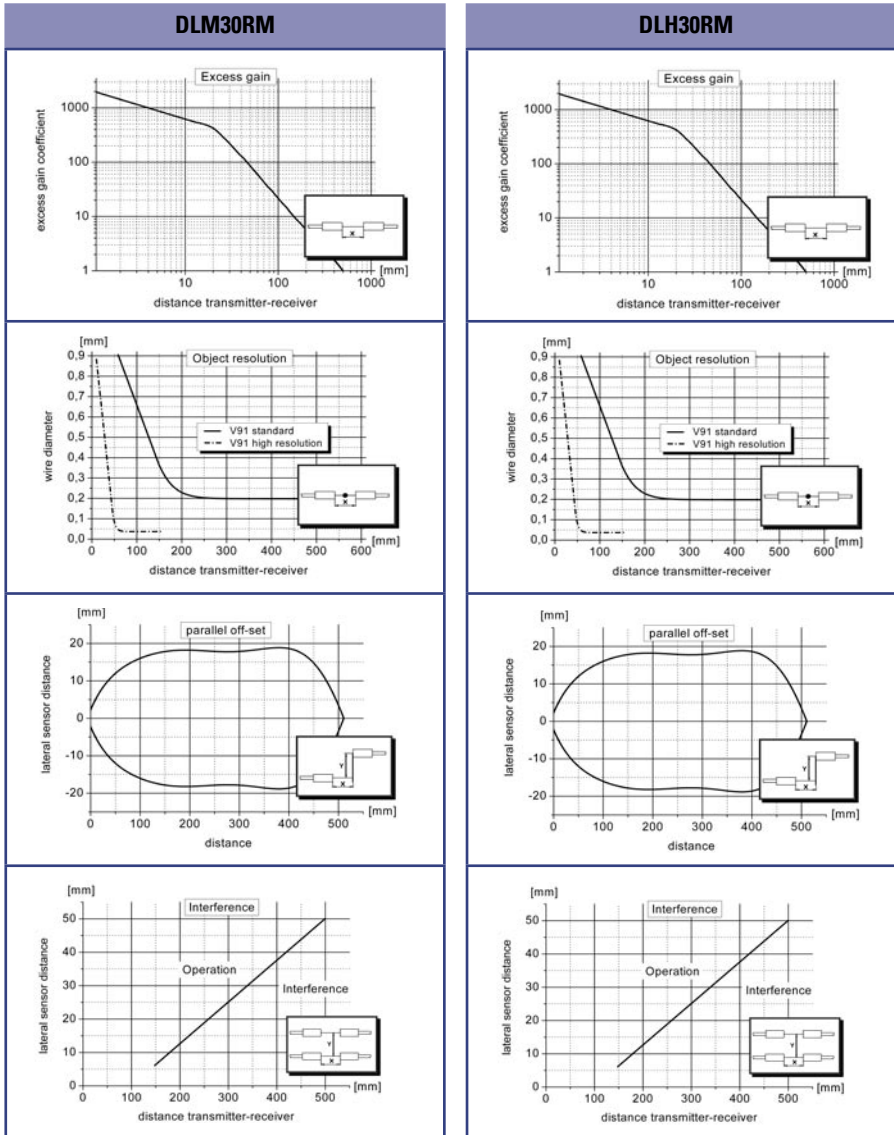
▶ DIMENSIONS Measurements in mm. Subject to technical change.





DLM30RM | DLH30RM

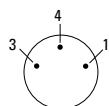
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



connector side

jacket material
P: PUR-cable black \varnothing 1,8mm
F: highly flexible PUR-cable red \varnothing 1,1mm
connector
0: M8 - connector 3pin
 special model available on request
cable length (specification in [m])
 standard length 1m
 special cable length available on request

PART DESIGNATION

Model - [] - [] : []

ORDER EXAMPLE

DLM30RM - P - 0 : 1m = DLM30 microSPOT - PUR-cable black - M8, 3pin : cable length 1m

Please note, for correct operation, a separate amplifier is required.