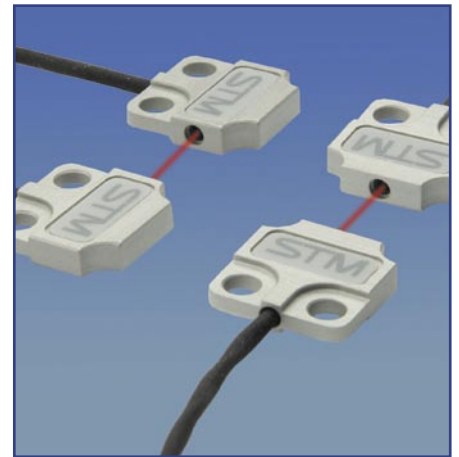




- ▶ **MICROmote®** -sensor for separate amplifier in especially flat design
- ▶ The latest microSPOT LED technology allows especially small beam width and perfect light spot
- ▶ High lateral resolution and repeat precision
- ▶ No interfering reflections from surrounding components
- ▶ No interfering interactions, even in serial installations
- ▶ Extra flat, robust aluminium housing
- ▶ Glass-protected optics



**THROUGH BEAM SENSOR  
for separate amplifier**

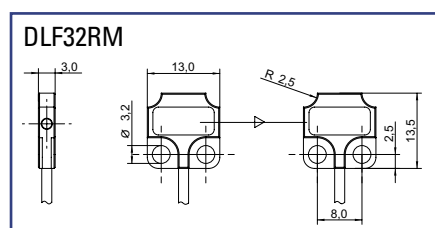
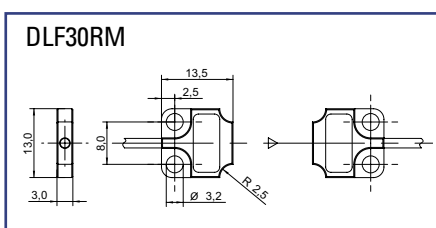
▶ **TECHNICAL DATA**

MODEL	DLF30RM	DLF32RM
Light type	micro ● SPOT® ** 645nm	
Operating temperature	-10°C to +55°C	
Protection class	IP67	
Sensing distance	500mm	
Lightspot diameter at 100mm	10mm	
Smallest object*	0,04mm	
Connection	PUR-cable with connector	
Dimensions	13,5mm x 13mm x 3mm	
Housing material	aluminium, natur anodized	
Mounting	for screw-in fixture	

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

\*\* registered Trademark of STM GmbH

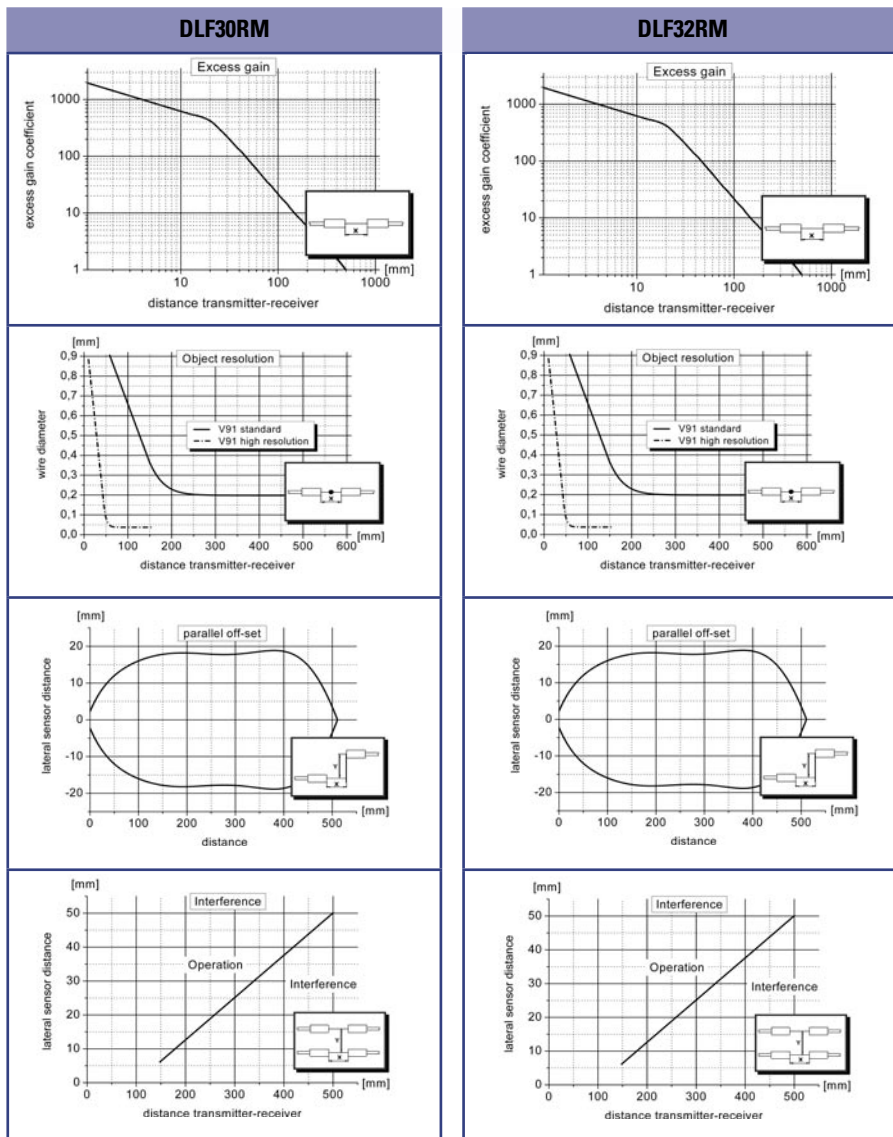
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





# DLF30RM | DLF32RM

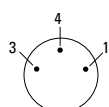
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



connector side

<b>PART DESIGNATION</b>	<p><b>jacket material</b></p> <ul style="list-style-type: none"> <li>P: PUR-cable black <math>\varnothing</math> 1,8mm</li> <li>F: highly flexible PUR-cable red <math>\varnothing</math> 1,1mm</li> </ul>	<p><b>connector</b></p> <ul style="list-style-type: none"> <li>0: M8 - connector 3pin</li> <li>special model available on request</li> </ul>	<p><b>cable length</b> (specification in [m])</p> <ul style="list-style-type: none"> <li>standard length e 1m (emitter and receiver side each)</li> <li>special cable length available on request</li> </ul>
	<p><b>Model</b> - [ ] - [ ] : [ ]</p>	<p><b>ORDER EXAMPLE</b>      <b>DLF30RM - P - 0 : 1m</b> = DLF30 microspot - PUR-cable black- M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>	