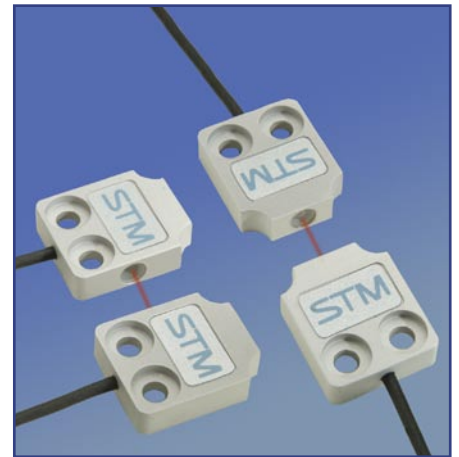


- ▶ MICROmote®-sensor for separate amplifier in flat design
- ▶ Through-beam sensors with long range
- ▶ High power reserve in uses at short distances
- ▶ The latest microSPOT LED technology allows especially small beam width and perfect light spot
- ▶ High lateral resolution
- ▶ Space-saving, but still robust housing design for rugged operating conditions
- ▶ Glass-protected optics



THROUGH BEAM SENSOR for separate amplifier

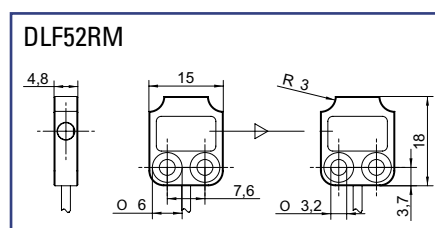
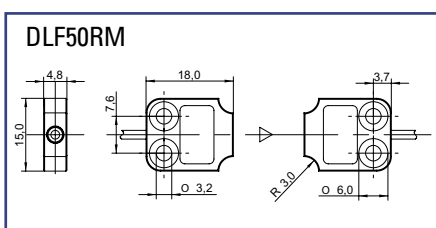
▶ TECHNICAL DATA

MODEL	DLF50RM	DLF52RM
Light type	micro SPOT® ** 645nm	
Operating temperature	-10°C to +55°C	
Protection class	IP67	
Sensing distance	2000mm	
Light spot diameter at 100mm	8mm	
Smallest object*	0,1mm	
Connection type	PUR-cable with connector	
Dimensions	18mm x 15mm x 4,8mm	
Housing material	aluminium, nature 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

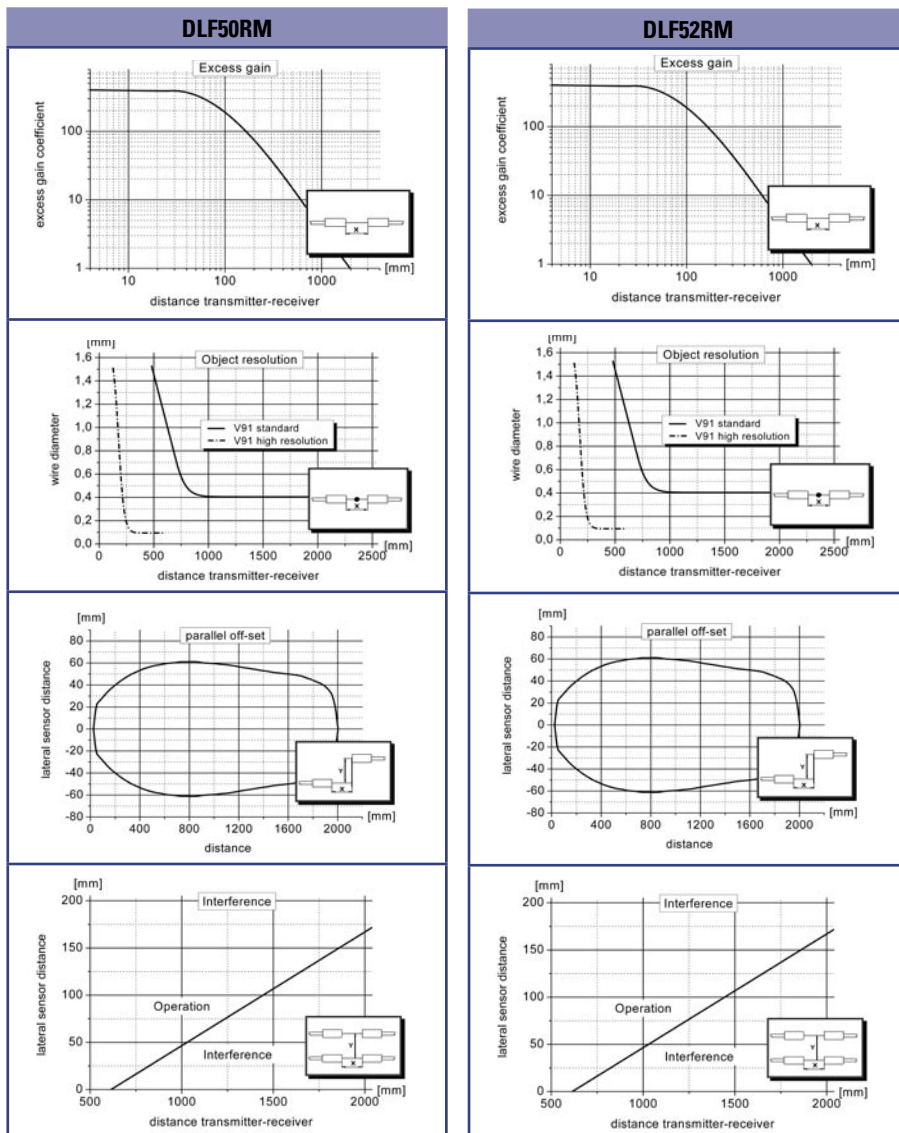
▶ DIMENSIONS Measurements in mm. Subject to technical change.





# DLF50RM | DLF52RM

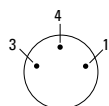
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



connector side

	<p><b>jacket material</b></p> <ul style="list-style-type: none"> <li>P: PUR-cable black ø 1,8mm</li> <li>F: highly flexible PUR-cable red ø 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 1m</li> <li>special cable length available on request</li> </ul>
<b>PART DESIGNATION</b>	<p><b>Model</b> - [ ] - [ ] : [ ]</p>		
<b>ORDER EXAMPLE</b>	<p><b>DLF50RM - P - 0 : 1m</b> = DLF50 microSPOT - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		