



- ▶ **MICROmote®** -sensor for separate amplifier in robust 4mm housing
- ▶ Thanks to **microSPOT** technology, the perfect light spot guarantees precision, even at long ranges
- ▶ **microSPOT** optics provide an sharp and circular beam at an extraordinary narrow angle of 2,5°
- ▶ Especially flexible connecting cables allow installation also in fast moving machine parts



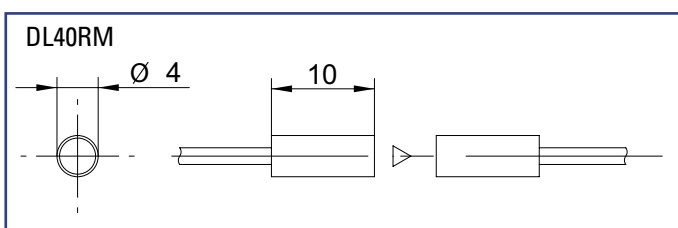
**THROUGH BEAM SENSOR  
for separate amplifier**

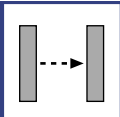
▶ **TECHNICAL DATA**

MODEL	DL40RM
Light type	micro ● SPOT® ** red 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	2000mm
Lightspot diameter at 100mm	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

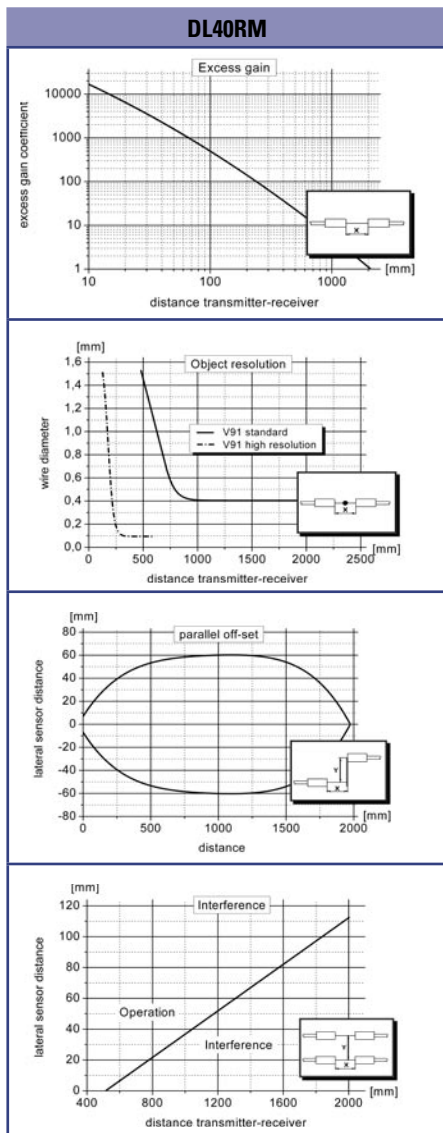
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





**DL40RM**

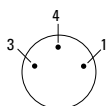
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **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>  <b>P</b>: PUR-cable black ø 1,8mm  <b>F</b>: highly flexible PUR-cable red ø 1,1mm</p>	<p><b>connector</b>  <b>0</b>: M8 - connector 3pin                  special model available on request</p>	<p><b>cable length</b> (specification in [m] )                  standard length 1m (emitter and receiver side each)                  special cable length available on request</p>
<b>PART DESIGNATION</b>	<p><b>Model</b> - <input type="text"/> - <input type="text"/> : <input type="text"/></p>		
<b>ORDER EXAMPLE</b>	<p><b>DL40RM - P - 0 : 1m</b> = DL40 microSPOT - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		