



- ▶ **MICROmote®-sensor for separate amplifier in cylindrical miniature design**
- ▶ **Solid metal housing allows for simple clamp mounting**
- ▶ **Light axis at right angles to the sensor cable**
- ▶ **Thanks to microSPOT technology, the perfect light spot minimizes interfering reflections on adjacent surfaces**
- ▶ **Integrated high-performance optics guarantee the highest resolution without additional lenses or apertures**
- ▶ **Extra flexible cable - no installation limitations from minimum bending radius requirements**



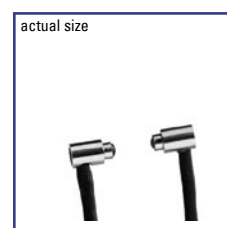
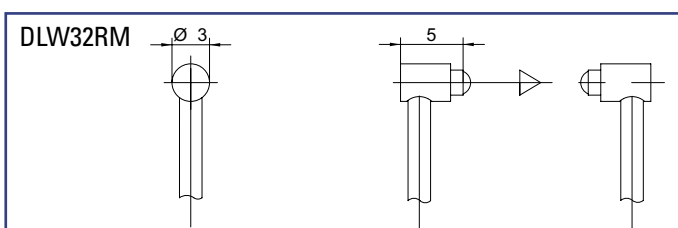
**THROUGH BEAM SENSOR  
for separate amplifier**

▶ **TECHNISCHE DATEN**

MODEL	DLW32RM
Light type	micro ● SPOT® ** 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	max. 500mm
Lightspot diameter at 100mm	10mm
Smallest object*	0,04mm
Connection	PUR-cable with connector
Dimensions	Ø 3mm x 5mm
Housing material	nickel-plated brass
Mounting	for gluing an clamping fixture

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

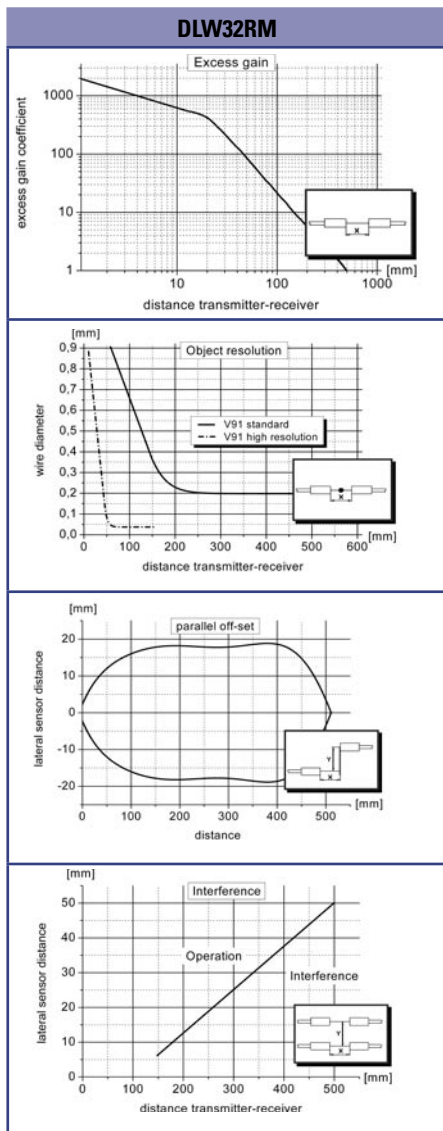
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





# DLW32RM

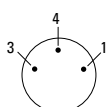
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **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                  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>DLW32RM - P - 0 : 1m</b> = DLW32 microspot - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		