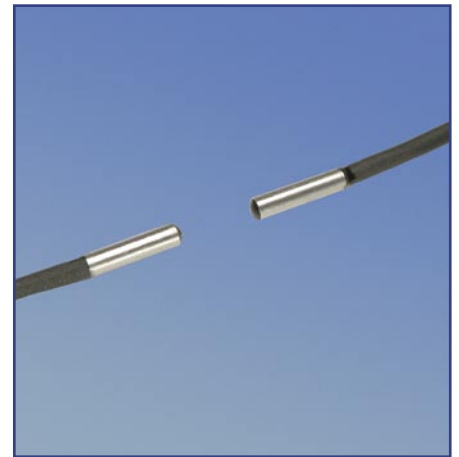




- ▶ **MICROmote®**-sensor for separate amplifier
- ▶ Large range with minimum dimensions
- ▶ The world's smallest through beam sensor!
- ▶ Flexible, dynamic highly resilient electric supply lines mean comfortable installation
- ▶ No minimum bending radius
- ▶ The integrated, high-performance optics allow the highest resolution without additional lenses or apertures



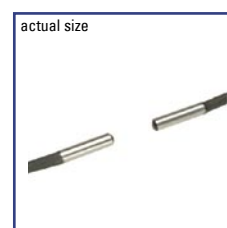
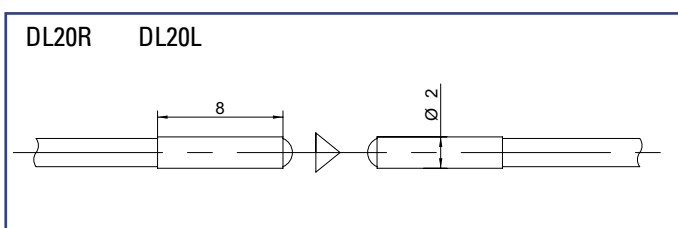
**THROUGH BEAM SENSOR
for separate amplifier**

▶ **TECHNICAL DATA**

MODEL	DL20R	DL20L
Light type	red 660nm	infrared 880nm
Operating temperature	-10°C to +55°C	
Protection class	IP65	
Sensing distance	300mm	800mm
Smallest object*	0,05mm	0,05mm
Connection	PUR-cable with connector	
Dimensions	Ø 2mm x 8mm	
Housing material	stainless steel	
Mounting	for gluing and clamping fixture	

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

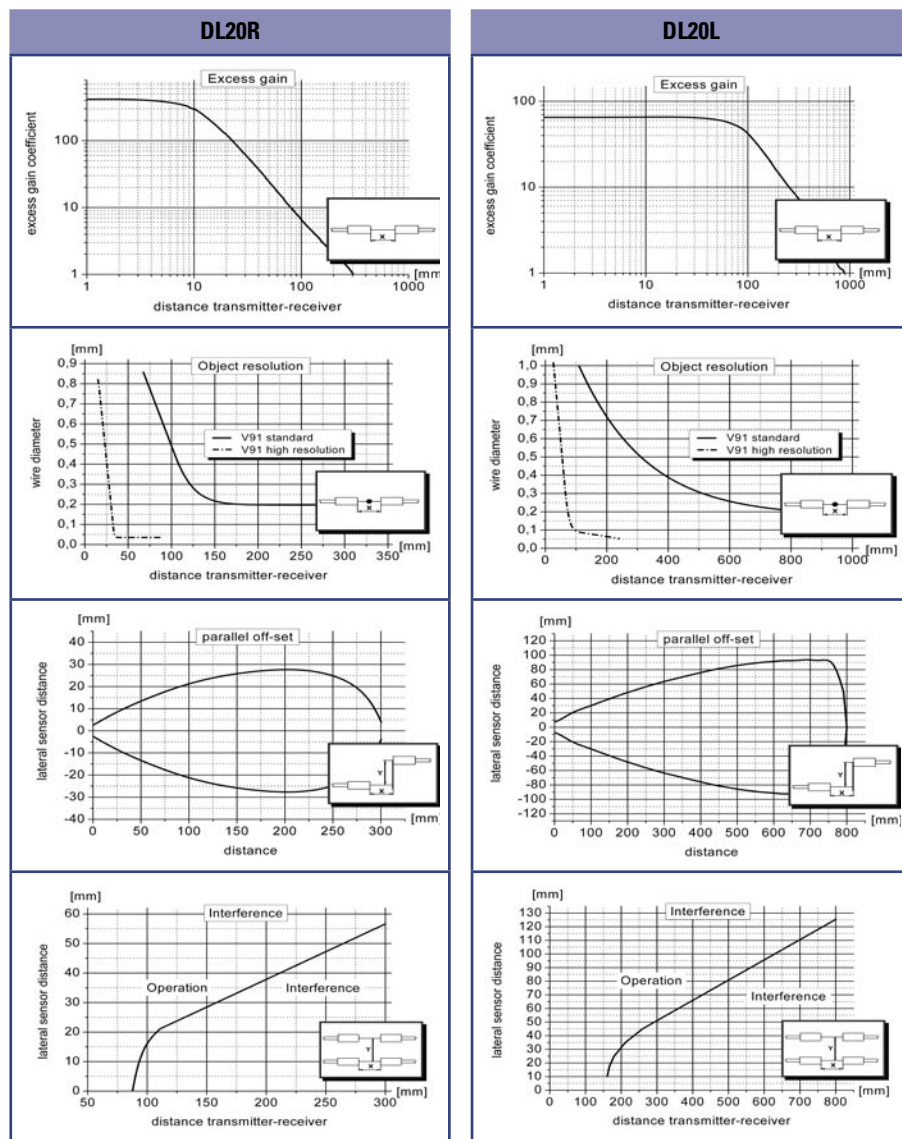
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





DL20R | DL20L

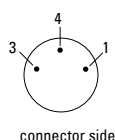
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



	<p>jacket material</p> <p>P: PUR-cable black Ø 1,8mm</p> <p>F: highly flexible PUR-cable red Ø 1,1mm</p>	<p>connector</p> <p>0: M8 - connector 3pin</p> <p>special model available on request</p>	<p>cable length (specification in [m])</p> <p>standard length 1m (</p> <p>special cable length available on request</p>
PART DESIGNATION	<p>Model - <input type="text"/> - <input type="text"/> : <input type="text"/></p>		
ORDER EXAMPLE	<p>DL20R - P - 0 : 1m = DL20 red light - PUR-cable black - M8, 3pin : cable length 1m</p> <p>Please note, for correct operation, a separate amplifier is required.</p>		