

- ▶ **MICROmote®**-sensor for separate amplifier in M3 housing
- ▶ 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



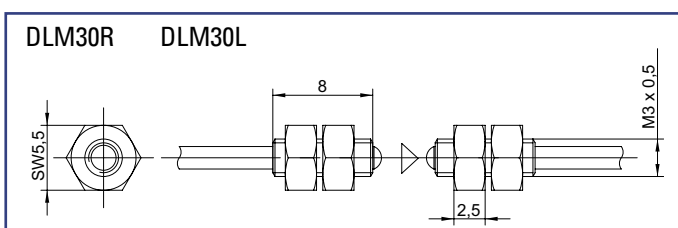
THROUGH BEAM SENSOR
for separate amplifier

▶ **TECHNICAL DATA**

MODEL	DLM30R	DLM30L
Light type	red 660nm	infrared 880nm
Operating temperature	-10°C to +55°C	
Protection class	IP65	
Sensing distance	300mm	800mm
Smallest object*	0,05mm	0,06mm
Connection	PUR-cable with connector	
Dimensions	M3 x 0,5mm x 8mm	
Housing material	stainless steel	
Mounting	for screw-in fixture	

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

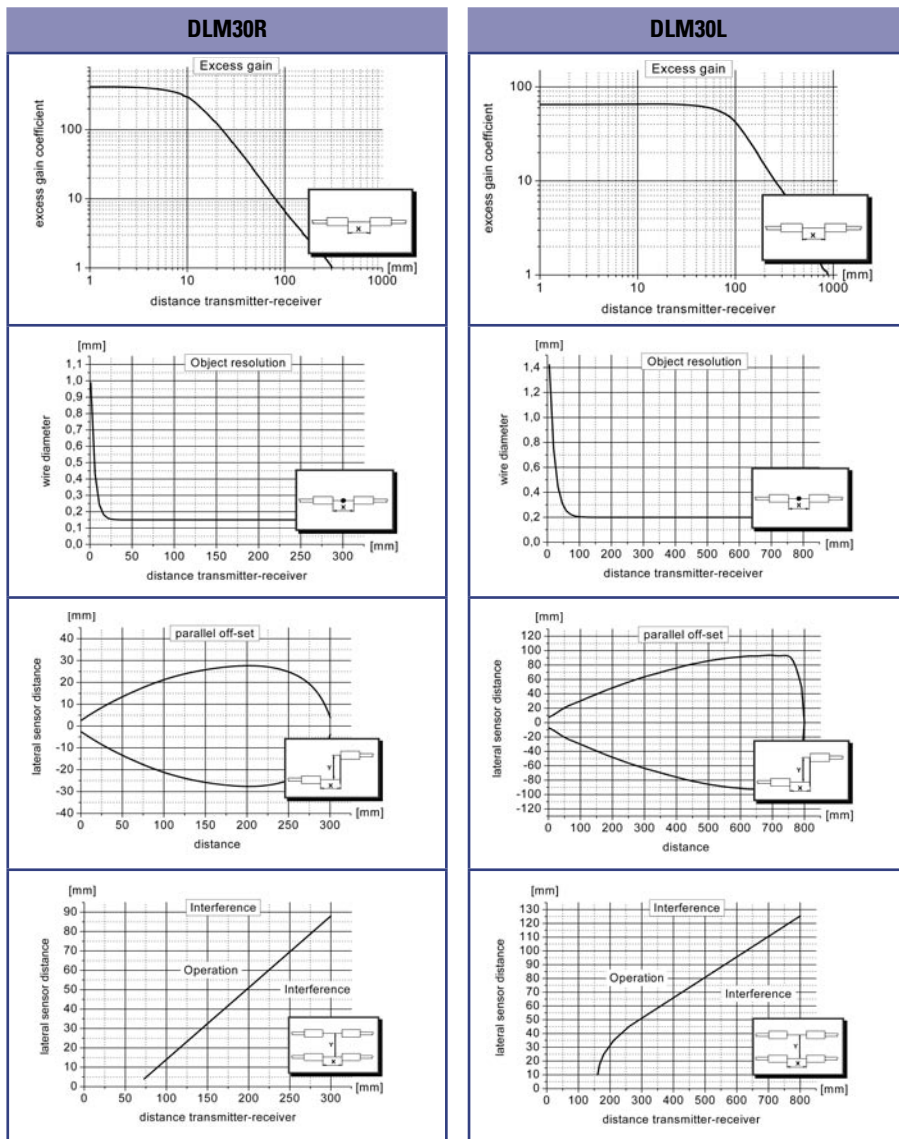
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.





DLM30R | DLM30L

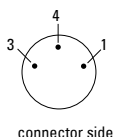
► **GRAPHS** (All Graphs showing typical data with STM amplifier.)



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



PART DESIGNATION	jacket material P: PUR-cable black \varnothing 1,8mm F: highly flexible PUR-cable red \varnothing 1,1mm	connector 0: M8 - connector 3pin special model available on request	cable length (specification in [m]) - standard length 1m (emitter and receiver side each) - special cable length available on request
	Model - [] - [] : []	ORDER EXAMPLE DLM30 - P - 0 : 1m = DLM30 red light - PUR-cable black - M8, 3pin : cable length 1m Please note, for correct operation, a separate amplifier is required.	