DLV365RM

- **MICROmote® -sensor for separate amplifier in especially flat design**
- **Space-saving one-point mounting**
- **Light axis at right angles to the sensor cable**
- **Thanks to microSPOT technology, the perfect light spot minimizes interfering reflections on adjacent surfaces.**
- **microSPOT optics provide an extraordinary low beam angle of 3,5° and guarantee the highest resolution without additional lenses or apertures**
- **Extra-flexible cable - no installation limitation from minimum bending radius requirements**

THROUGH BEAM SENSOR
for separate amplifier

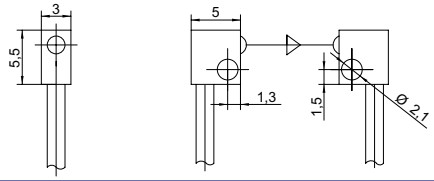
TECHNICAL DATA

MODEL	DLV365RM
Light type	micro SPOT® ** 645nm
Operating temperature	-10°C to +55°C
Protection class	IP65
Sensing distance	500mm
Lightspot diameter at 100mm	10mm
Smallest object*	0,04mm
Connection	PUR-cable with connector
Dimensions	3mm x 6mm x 5,5mm
Housing material	nickel-plated brass
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.

DLV365RM

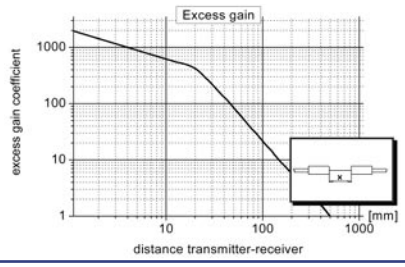


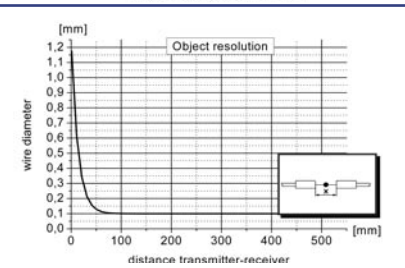
actual size

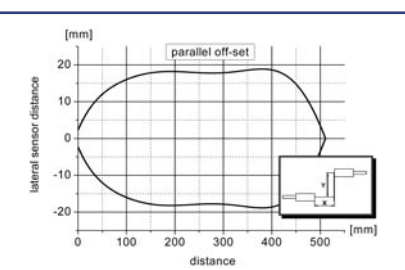
DLV365RM

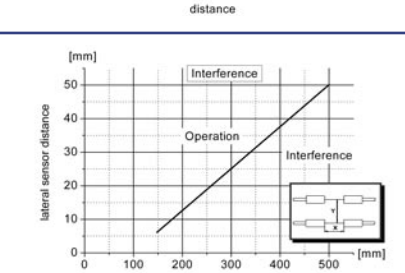
GRAPHS (All Graphs showing typical data with STM amplifier.)

DLV365RM





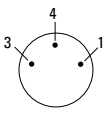




PIN CONNECTION

option - 0: M8, 3pin (standard)

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



connector side

jacket material
P: PUR-cable black ø 1,8mm
F: highly flexible PUR-cable red ø 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

PART DESIGNATION

Model – □ – □ : □

ORDER EXAMPLE

DLV365RM - P - 0 : 1m = DLV365 microspot - PUR-cable black - M8, 3pin : cable length 1m

Please note, for correct operation, a separate amplifier is required.