

- ▶ **COMPACT** mini-optosensor with integrated amplifier
- ▶ Easy to install sensor in a cuboid metal housing
- ▶ Choose between the standard red light and the high definition microSPOT lightspot
- ▶ Function display readable from all sides thanks to Ring LED on the cable outlet



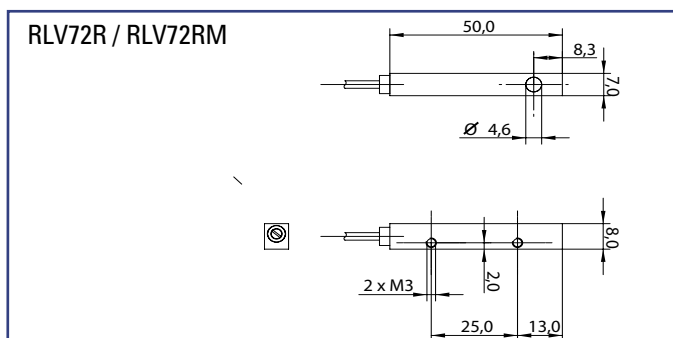
REFLECTIVE BEAM SENSOR with integrated amplifier

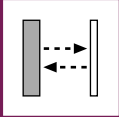
▶ **TECHNICAL DATA**

MODEL	RLV72R	RLV72RM
Light type	red light 660nm	micro SPOT [®] ** 645nm
Operating temperature	-10°C to +55°C	
Protection class	IP65	
Functional principle	pulsed	
Frequency response	500Hz	
Power supply indicator/Signal stability	LED red	
Operating voltage	10...30 VDC reverse polarity protection	
Current consumption	30mA	
Output current	PNP 100mA short circuit proof	
Lightspot diameter at 50mm	14mm	5mm
Sensing distance* (not adjustable)	50mm*	
	600mm on reflector R35	800mm on reflector R35
Power supply cable (standard)	2m PUR cable 3 x 0,10mm ² ***	
Dimensions	7mm x 8mm x 50mm	
Housing material	nickel-plated brass	
Mounting	for screw-in fixture	

* on white non glossy paper (90% remission, 100x100mm) ** registered Trademark of STM GmbH *** cable to be ordered separately

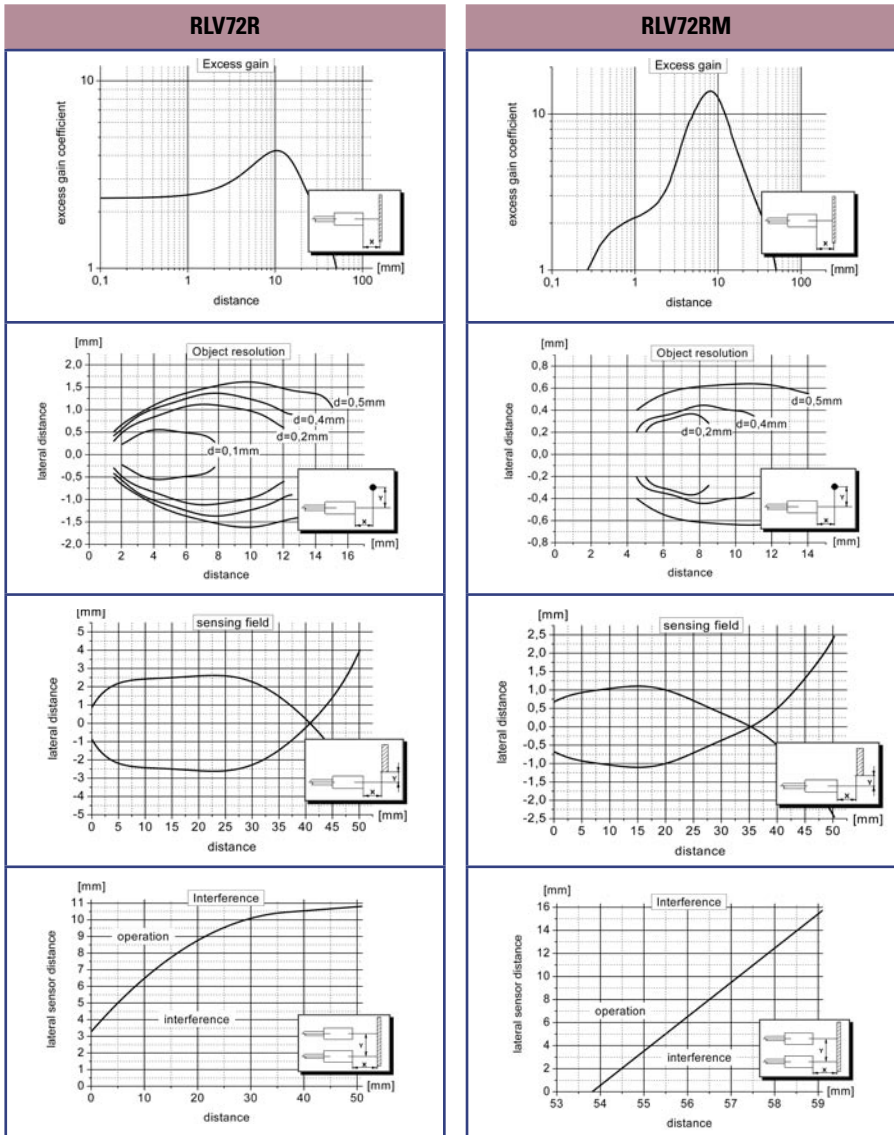
▶ **DIMENSIONS** Measurements in mm. Subject to technical change.



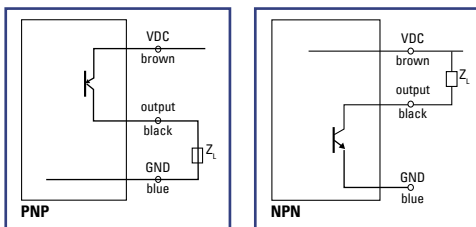


RLV72R | RLV72RM

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



► **CONNECTION-DIAGRAM**



► **PIN CONNECTION**

PUR-cable, 3pin, 2m

- brown + VDC
- blue - GND
- black signal output

PART DESIGNATION

RLV72R-BHP	= red	pulsed	light-on	PNP-output
RLV72RM-BHP	= micro SPOT®	pulsed	light-on	PNP-output
RLV72R-BHN	= red	pulsed	light-on	NPN-output
RLV72RM-BHN	= micro SPOT®	pulsed	light-on	NPN-output

Please do not forget to order the appropriate power supply cable (see accessories).