

- ▶ **COMPACT** optosensor with integrated amplifier
- ▶ **Efficient geometrical background suppression**
- ▶ **Robust, metal housing**
- ▶ **Compact, especially flat housing**
- ▶ **Adjustable sensing distance**

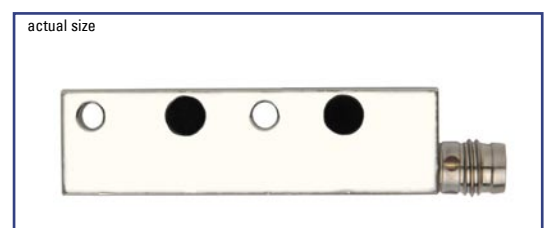


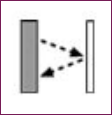
**REFLECTIVE BEAM SENSOR
with background suppression**

▶ **TECHNICAL DATA**

MODEL	RLV74V/S81
Light type	Infrared 880nm
Operating temperature	-10°C bis +55°C
Protection class	IP65
Sensing distance*	8mm to 20mm, adjustable
Functional principle	modulated
Switching function	light-on
Frequency response	500Hz
Function indicator	LED red (in connector)
Operating voltage	10...30VDC, reversed polarity protect.
Current consumption	30mA
Connection type	connector M8, 3-pin
Dimensions	14mm x 8mm x 59mm
Housing material	nickel-plated brass
Mounting	for gluing and clamping fixture

* on white non glossy paper (90% remission, 100x100mm)

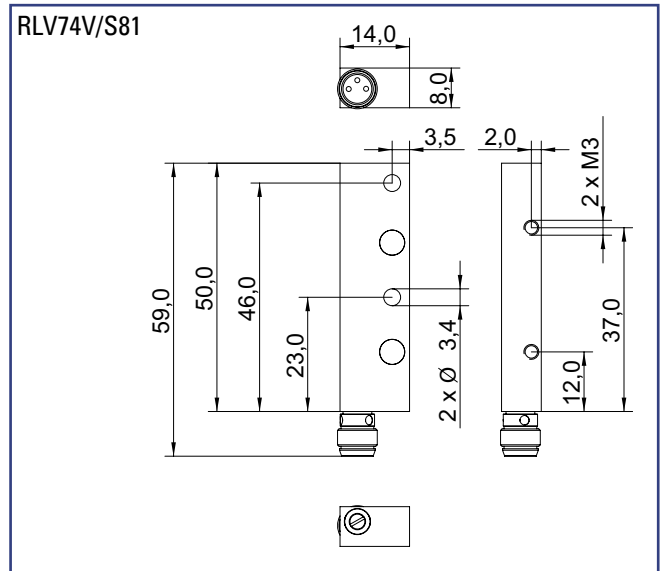
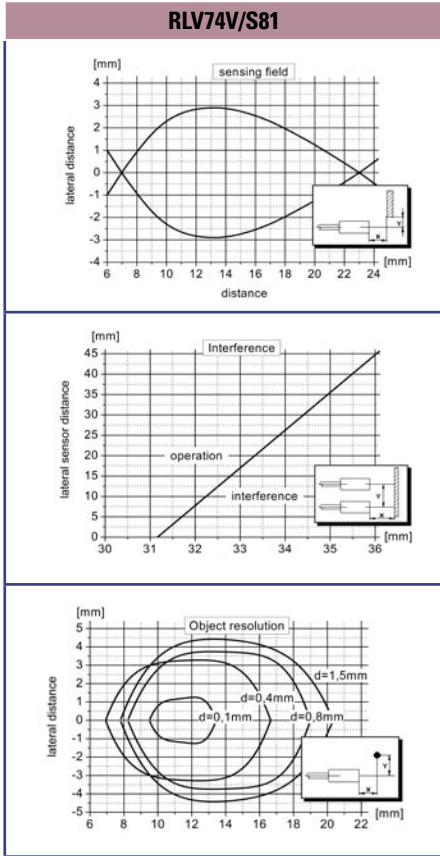




RLV74V/S81

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

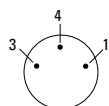
► **DIMENSIONS** Measurements in mm. Subject to technical change.



► **PIN CONNECTION**

option - 0: M8, 3pin (standard)

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



connector side

PART DESIGNATION

RLV74V/S81-BHP	=	Infrared	modulated	light-on	PNP-output
RLV74V/S81-BHN	=	Infrared	modulated	light-on	NPN-output

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