



Laser sensor - laser crossliners Auto-Alignment

# RD500R / RD500G

## **Robust construction**

resistant to heavy working conditions

## **Comfortable working**

numeric display of elevation differences

## **Autoalignment function**

radio communication, cooperation with  
Nivel System crossline lasers series:  
NL720/740



## Laser sensor RD500R / RD500G

Laser sensors tailor-made for use with the NL720R/740R rotation lasers with red laser beam and the NL 720G/NL740G with green laser beam. They enable height differences to be indicated numerically. Thanks to radio communication with the laser, the planes are set automatically (direction, slope).

	RD500R	RD500G
Capture height	125 mm	
Numeric readout height	yes	
LED display	yes, backlit	
Detectable spectrum	red beam	green beam
Accuracy mode	1.0 / 2.0 / 5.0 / 10.0 mm	
Protection class	IP67	
Automatic shutoff	after 30 min	
Power supply	4 x AA (6V)	
Operating temperature	-20°C - 50°C	
Dimensions	185 x 90 x 30 mm	
Weight	0,40 kg	

### Equipment

Laser sensor
Battery
Holder

Your local distributor

**Tailor-made** for use with the NL720R/740R rotation lasers with red laser beam

**Wide laser sensing range** via 125 mm detector band

**High working accuracy** adjustable to application requirements (1mm, 5mm, 10mm)

**Autoalignment function** - radio communication (2.4 GHz) with laser level (slope alignment and direction finding over distances of up to 50 m)

**Even better control of the work** - the sensor calculates and displays the specific elevation differences in millimetres [mm]

**Selection of working units** (mm, cm, inch)

**Everything within sight** - large, clear, backlit LCD display (second display on the back of the sensor), additional LED display for longer distances (e.g. when reading from the machine cabin)

**Audible signals** for elevation differences (various volume levels)

**Stable attaching to the laser staff** with the bracket (included)

**High resistance** to water and dust