

Novatron® EL3 Laser Receiver

The powerful and precise laser receiver with a quick-fix system

The laser receiver allows you to move the machine on the site while keeping the original elevation. A laser set to a known site elevation can also be used as a reference level.

Our 3rd generation laser receiver Novatron® EL3 has a clear and durable, easy to use design. The new quick fix system makes removing and reattaching of the receiver fast and easy. The LED status indicator and a wide receiving area offers ease-of-use for the operator.

Durable, rugged design of the Novatron® EL3 is protected with an elastomer material to decrease vibration. The device has an IP69K classification to keep everything safe from water and dust.



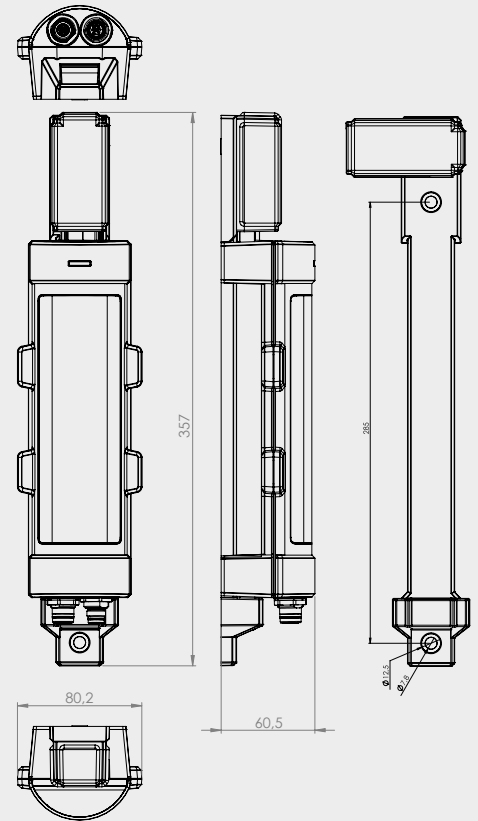
Specifications

General

Weight	0,6 Kg
IP Classification	69K
Operating temperature	-40 °C...+85 ° C
Fire resistance	V-1
Chemical resistance	According ISO 16750-5
LED	Blue status LED
Power requirements	9-36VDC Current consumption <300mA (100mA/24V)
Interfaces	2 x CAN bus connectors - 125kbit - 1Mbits/s

Features

Receiving angle	150°
Receiving area	150mm
Precision	5mm (1mm resolution)
Compatible lasers	All rotating lasers with visible or infra-red light: wavelength 600-800nm, rotating speed 120-1200 revolutions per minute.
Measuring range (from rotating laser)	2-300m (Depending on the rotating laser type)



Thoroughly tested under different temperatures, vibration and weather conditions.