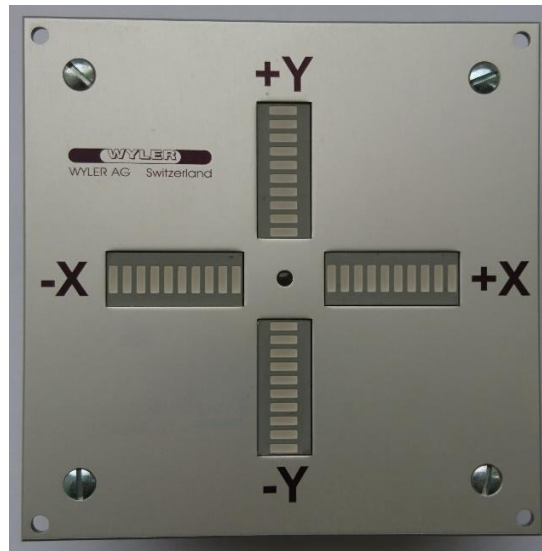


# LED CROSS

P/N: 065-005-002



The **two-dimensional LED CROSS** is very suitable for providing a visual representation of the inclination of a platform.

Typical **applications** are:

- Supervision of a crane for goods that are sensitive to inclinations.
- Optical aid for manual hydraulic levelling of objects or platforms.
- Supervision of working platforms: preventing the platform from tilting with the help of programmable alarms.

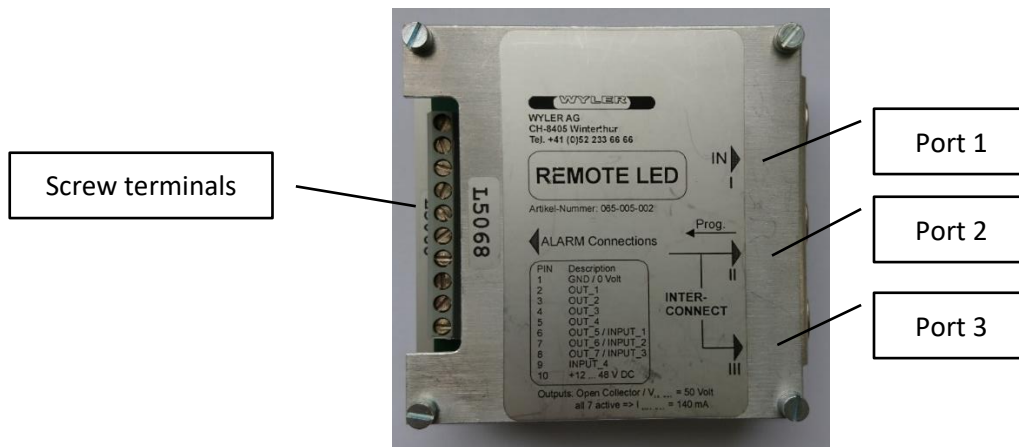
The instrument has the following features:

- Via the one input socket, two sensors have always to be connected via BlueMETER SIGMA, LEVELMETER 2000, the precision 2-D block with one socket or a splitter box. Typically two 10° sensors are used.
- Resolution of 20 red LEDs per axis. Logarithmic resolution to allow very precise reading around zero.
- Maximum 4 alarms per axis.
- 7 alarm outputs are programmable with logical functions and are provided as open-collector outputs.
- The functionality of the unit and the cables are controlled, and can be assigned to one of the alarm outputs. The LED CROSS is designed for panelmounting. Box available on request.

WYLER AG, Im Hölzli 13 CH-8405 Winterthur	<b>Datasheet LED CROSS</b>	<b>949-DB-0033</b>
		<b>Revision: 1.0</b>
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## Specifications

Technical Specifications	Standard
<b>Material</b>	Aluminium - anodized
<b>Dimension L x W x H</b>	96 x 96 x 40 mm
<b>Hole-Ø / hole center distance</b>	Ø 3 mm / 89 x 89 mm
<b>Operating temperature</b>	-20 ... 85°C
<b>Weight</b>	171 g
<b>Communication protocol sensors</b>	RS485, 7 DataBits, 2 StopBits, no parity, 9600 bps
<b>Update speed of the display</b>	2 - 3 Hz
<b>External power supply</b>	24 V DC, 0.8W
<b>Digital Out (OUT_1 ... OUT_7)</b>	Vmax: 30V
<b>Digital In (IN_1 ... IN_4)</b>	Output: Open Collector, max sink current is 140mA over all outputs Input: Min logic high level is 5V



### Screw terminals

Pin	Name	Description
1	GND	Ground
2	OUT_1	OUT_1
3	OUT_2	OUT_2
4	OUT_3	OUT_3
5	OUT_4	OUT_4
6	OUT_5 / IN_1	OUT_5 / IN_1
7	OUT_6 / IN_2	OUT_6 / IN_2
8	OUT_7 / IN_3	OUT_7 / IN_3
9	IN_4	IN_4
10	+24 V	+ 24 V DC power in

