



**EMITTER**  
ELECTRONICS  
innovative · reliable · flexible



# REMOTE INDICATOR XL-NARROW

**RIXLN**

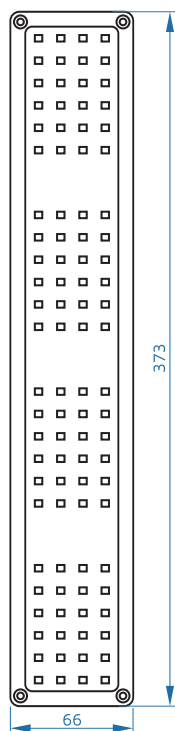


## Features and Benefits

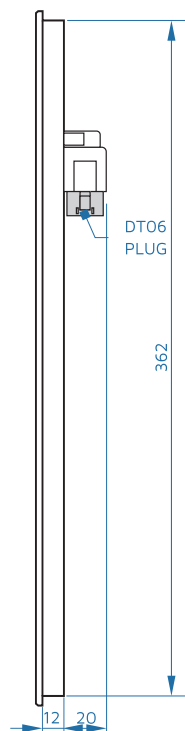
- 1 **Powerful Luminous Flux**
- 2 **Colour-Coded Led For Water And Foam Display**
- 3 **Five Different Level Patterns**
- 4 **Can Bus Or "T" Datalink**
- 5 **Low Installation Depth**
- 6 **Waterproof Aluminium Housing**

The XL Remote Tank Indicator RIXLN types are designed to display water or foam tank level, possible to be seen from a long distance. Blue, yellow and red LEDs are used for displaying water level and amber, yellow and red LEDs for foam. When the tank level is critical (liquid level less than 1/4) both indicators signalize the level with red colour LEDs, when the liquid level is less than 1/8 lights are running from top to bottom to signalize an empty tank.

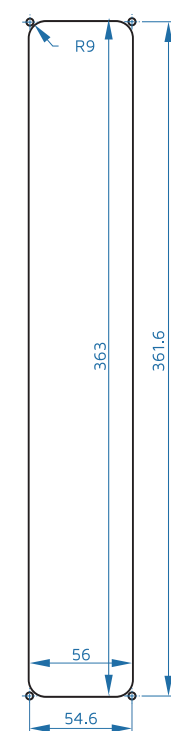
FRONT VIEW



SIDE VIEW



PANEL CUT-OUT



The RIXLN needs to be connected either to a master indicator or to an IO node/controller when used in MMX configuration. Large tank indicator is a slave device. Several slave indicators can be connected over Can bus or "T"- one wire datalink to show the same value on different locations.

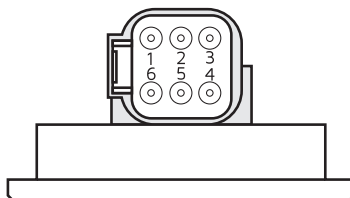
Housing is made of Aluminium, highly resistant to weather conditions (IP67) and can survive extreme environments, what makes it perfect for installation outside the vehicles. The level bars are large and well-spaced, allowing a reliable reading of level in bright viewing angle and direct sunlight.

## Connection

### TYPE WITH "T" one wire

#### Connection Deutsch DT06-6S

PIN	DESCRIPTION
1	BATTERY + (~15")
2	T one wire datalink
3	T one wire datalink, int. shorted to PIN 2
4	N/A
5	N/A
6	BATTERY -



### TYPE WITH Can BUS

#### Connection Deutsch DT06-6S

PIN	DESCRIPTION
1	BATTERY + (~15")
2	CAN L
3	CAN L, int. shorted to PIN 2
4	CAN H
5	CAN H, int. shorted to PIN 4
6	BATTERY -

## Specifications

POWER	
<b>Supply Voltage</b>	10-30 V DC
<b>Current</b>	1.5 A maximum
<b>Power</b>	16 W maximum
<b>Electrical Protection</b>	overvoltage, transients, reverse polarity, load dump
INTERFACES	
<b>CAN</b>	1 x CAN
<b>T - one wire</b>	1 x serial communication - optional
ENVIRONMENT	
<b>IP Class (IEC529)</b>	IP67, waterproof
<b>EMC Conformity</b>	EN61000-6-2 noise immunity EN61000-6-4 radiation of interference
<b>Temperature Range</b>	storage -40° to +85°C (-40°F to 185°F) operating -40° to +85°C (-40°F to 185°F)
ENCLOSURE	
<b>Housing Material</b>	Aluminium, glass
<b>Mounting</b>	in-dash, with 4 screws M3 or 3.5 mm tapping screws
<b>Connector</b>	Deutsch DT06-6S
MISCELLANEOUS	
<b>Indicator increments</b>	0, 1/4, 1/2, 3/4, Full
<b>LEDs colour water type</b>	24 red, 24 yellow and 48 blue
<b>LEDs colour foam type</b>	24 red, 24 yellow and 48 amber
SIZE AND WEIGHT	
<b>W x H x D [mm]</b>	66 x 373 x 15 without connector
<b>Weight</b>	0.6 kg

## Ordering Codes

<b>RIXLN-WRYBB-C</b>	XL remote indicator narrow, for water, red, yellow, blue LEDs Can-bus datalink
<b>RIXLN-FRYYY-C</b>	XL remote indicator narrow, for foam, red, yellow LEDs, Can-bus datalink

**For more options please contact the supplier.**



**EMITTER ELECTRONICS**

Engineering, production and service  
Tržaška cesta 65, SI-2000 Maribor, Slovenia, Europe

Phone +386 5 995 1 973  
mobile +386 41 726 476

info1@emitter.org  
[www.emitter.org](http://www.emitter.org)