EMITTER ELECTRONICS
innovative · reliable · flexible
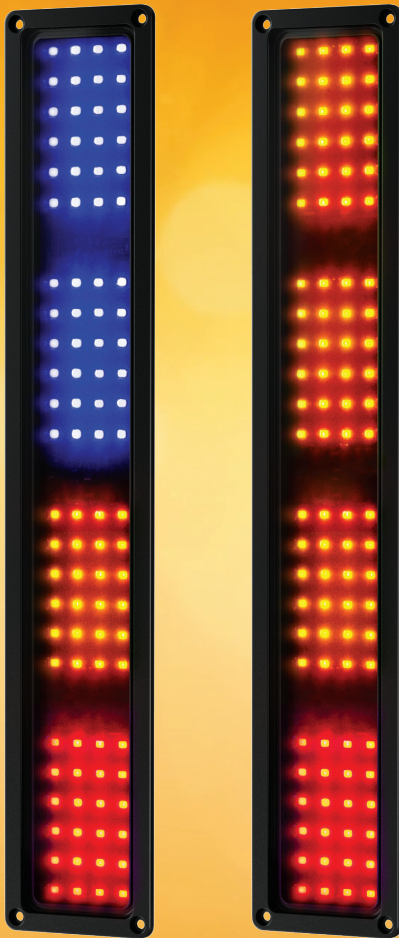
REMOTE INDICATOR XL-NARROW
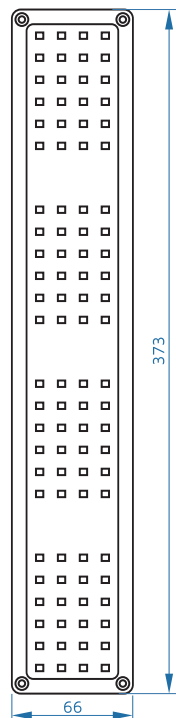## RIXLN

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**

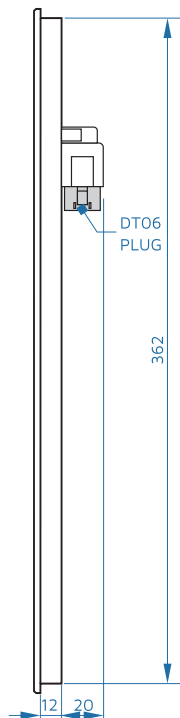**5** **Low Installation Depth**

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.
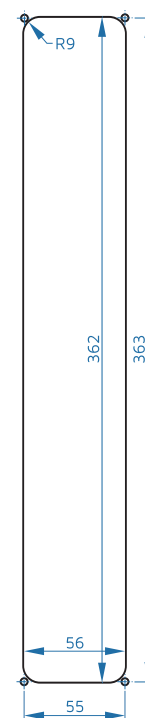
V1.1-190415 change of connection diagram

FRONT VIEW

373

66

SIDE VIEW

DT06 PLUG

362

12 20

PANEL CUT-OUT

R9

362   363

56

55

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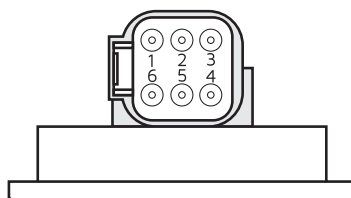
Housing is made of Aluminium, highly resistant to weather conditions (IP67) and can survive extreme environments, what makes it perfect for installation outside the vehicles. The level bars are large and well-spaced, allowing a reliable reading of level in bright viewing angle and direct sunlight.

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

Ordering Codes

RIXLN-WRYBB-C	XL remote indicator narrow, for water, red, yellow, blue LEDs Can-bus datalink
RIXLN-WRYBB-T	XL remote indicator narrow, for water, red, yellow, blue LEDs "T" datalink
RIXLN-FRYAA-C	XL remote indicator narrow, for foam, red, yellow amber LEDs, Can-bus datalink
RIXLN-FRYAA-T	XL remote indicator narrow, for foam, red, yellow amber LEDs, "T" datalink
For more options please contact the supplier.	