

LONG RANGE WIRELESS TANK LEVEL RECEIVER WITH 4-20 mA OUTPUT

LW110-4-20/REC

FEATURES

- receives level data from wireless Navis tank level sensors
- 4-20 mA output
- easy mounting due to wireless sensors
- up to 1 km range
- up to 2 km with optional Yagi antenna
- instant level data – the data is refreshed every 5 seconds
- optional repeater/range extender enables obstacle avoiding

APPLICATIONS

- tank level monitoring and controlling
- various liquid level monitoring in industrial applications



COMPATIBLE SENSORS



SC10 - CAPACITIVE
LEVEL SENSOR



SC10/R - CAPACITIVE
LEVEL SENSOR



SU11 - 6/4" ULTRASONIC
LEVEL SENSOR



SU12 - 2" ULTRASONIC
LEVEL SENSOR

ORDERING

Receiver unit

1 LW110-4-20/REC receiver unit

Sets with sensor included

2 LW110-4-20/SC10 LW110-4-20/REC with SC10 capacitive sensor

3 LW110-4-20/SU10 LW110-4-20/REC with SU11 ultrasonic sensor

4 LW110L-4-20/SU11 LW110-4-20/REC with SU12 ultrasonic sensor



1



2



3



4

OPTIONAL ACCESSORIES

1 External antenna with 3 m cable, magnetic mounting

2 Yagi antenna

3 Repeater



1



2

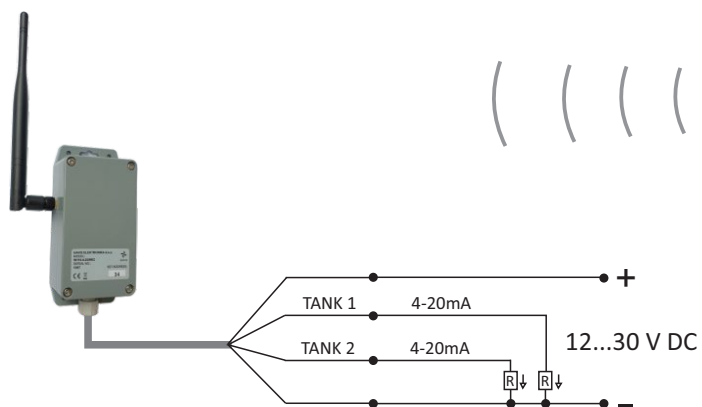


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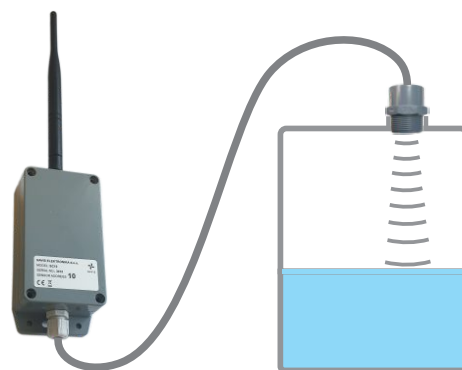
TECHNICAL DATA

Operating voltage:	12...30 V DC
Power consumption:	max. 80 mA
Signal output:	4-20 mA 20 mA = full 4 mA = empty 3,6 mA = ERROR (no signal from sensor)
Reverse polarity protection:	YES
Transient voltage protection:	YES
Temperature operating range:	-30 ... +55 °C
Cable connection:	internal PCB terminals
Communication frequency :	868 MHZ
Antenna input:	50 Ohm, SMA connector
Range:	up to 1 km up to 2 km with optional Yagi antenna
Weight:	170 g
Casing:	145 x 65 x 42 mm, ABS, IP65

CONNECTING



LW110-4-20/REC



SU11