



WATTECO 50-70-016 State Report and Output Control Sensor User Guide

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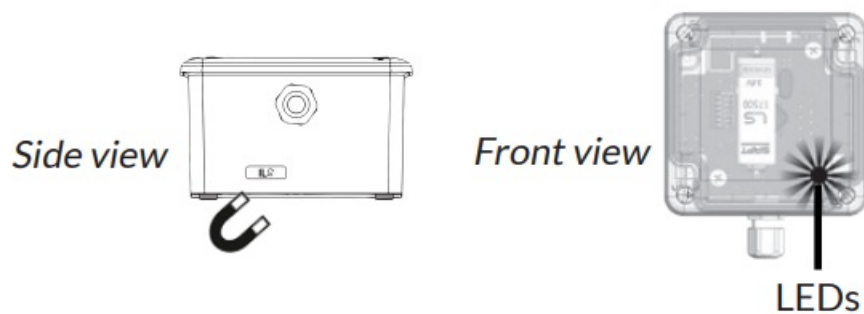
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WATTECO

WATTECO 50-70-016 State Report and Output Control Sensor

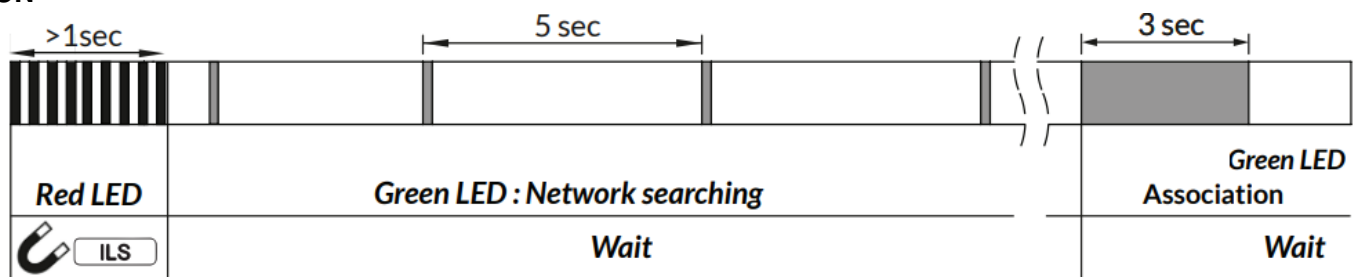


Start

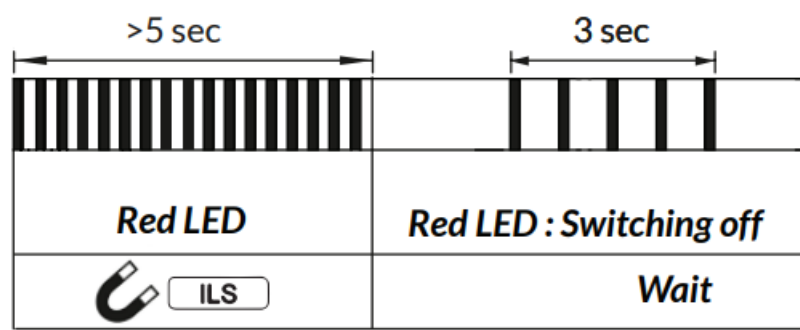


Provision the device on your LoRaWAN® network with the keys available on a secure platform

ON



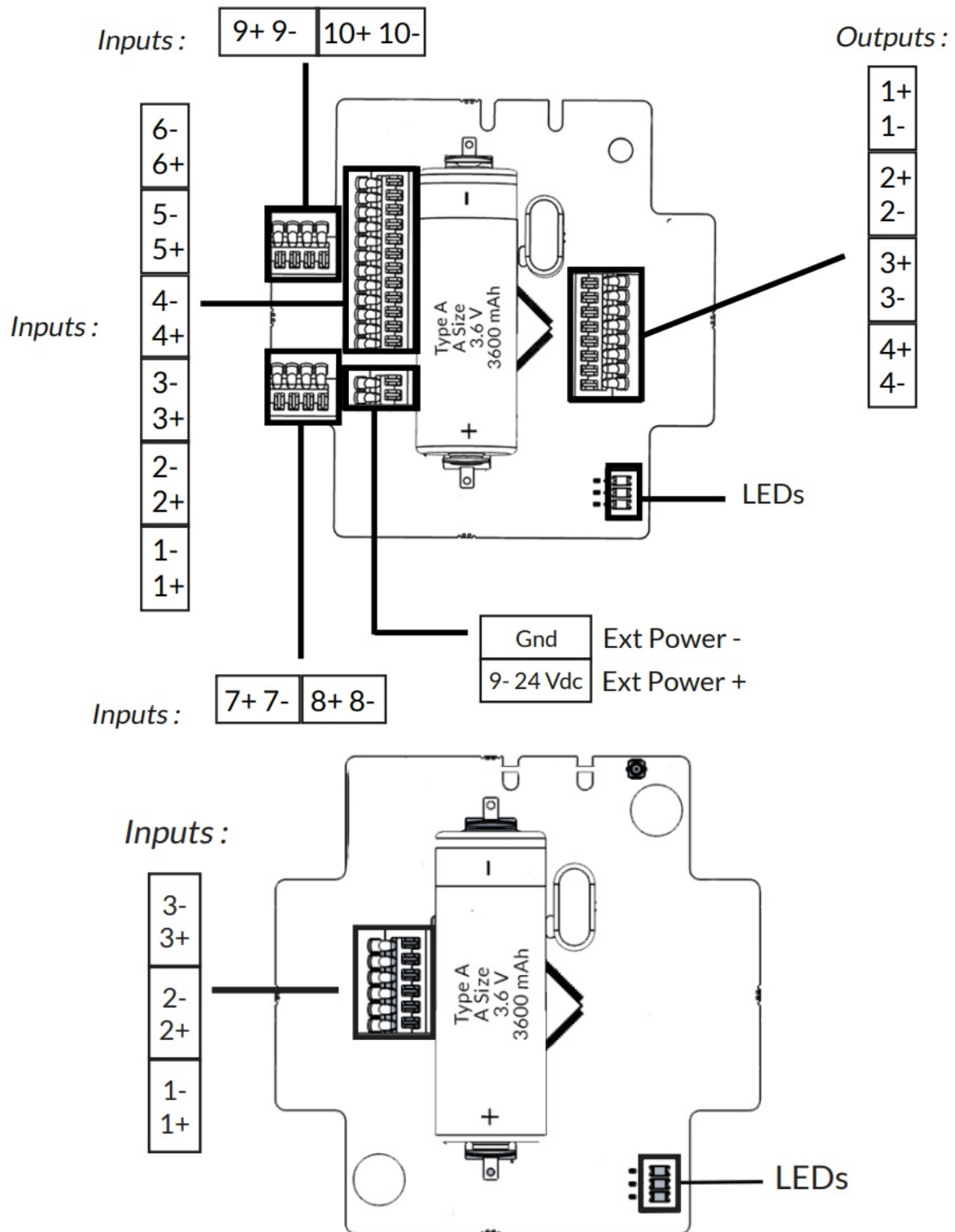
OFF



Video :
ON – OFF



Connectors



Wire Colour

- Green
- White
- Brown
- Pink
- Blue
- Yellow

Connector

- Input 1+
- Input 1-
- Input 2+
- Input 2-
- Input 3+
- Input 3-

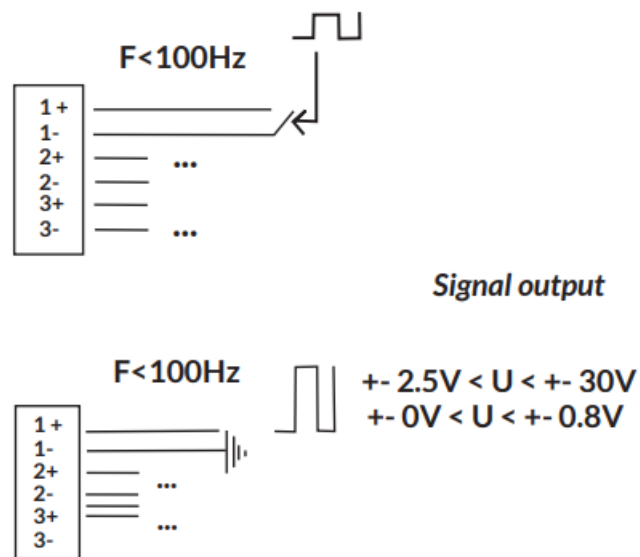
Characteristics of the 3 inputs:

- Impedance: $1\text{M}\Omega$
- Tension : 0-30Vdc
- Delivered current: $3.5\text{ }\mu\text{A}$
- Signal frequency max: 0-100 Hz

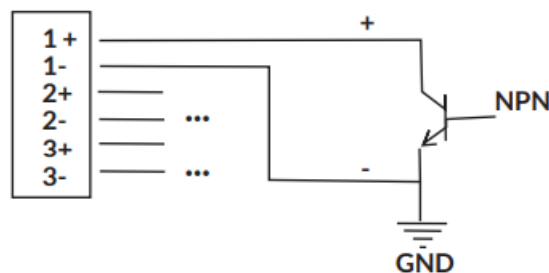
Wiring (20-26 swg stranded length):

- Depending on the type of output

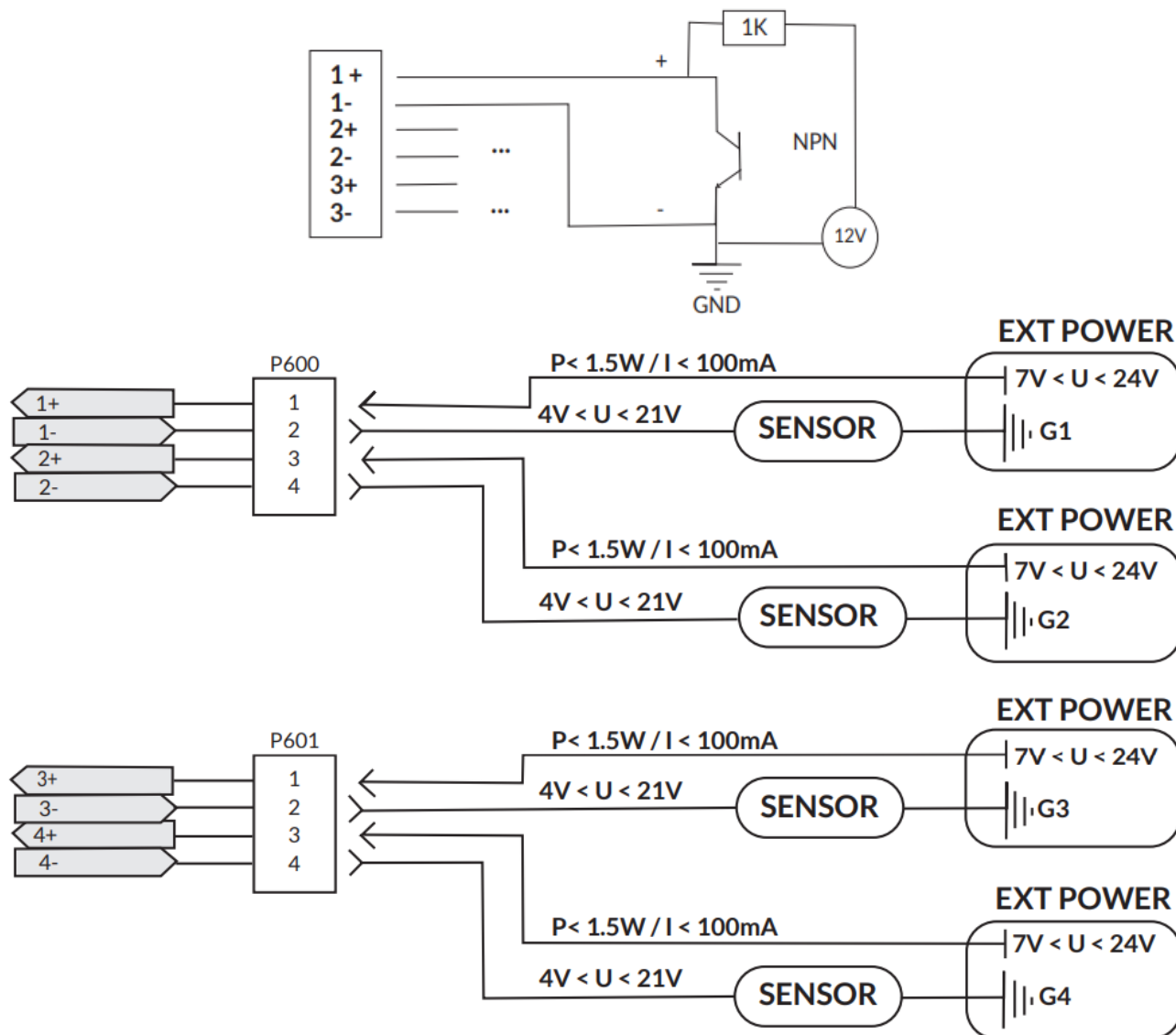
Isolated dry contact output



NPN open collector output

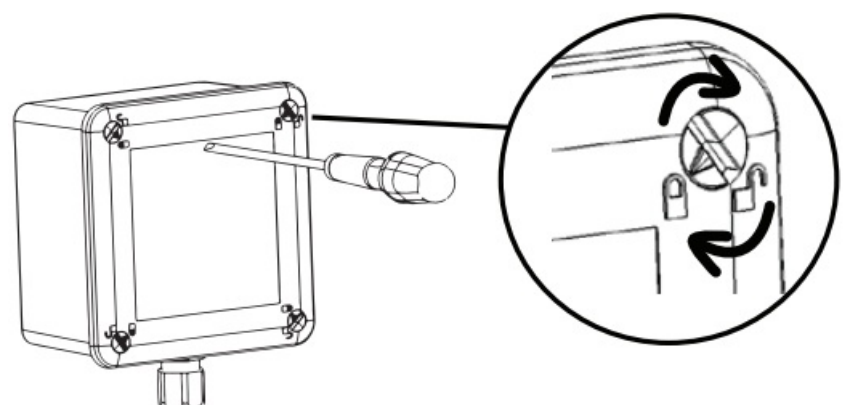


- Compatible with 3V voltage and a $3\mu\text{A}$ current.
- Others, need to connect a compatible external power supply and a resistor to limit the current.

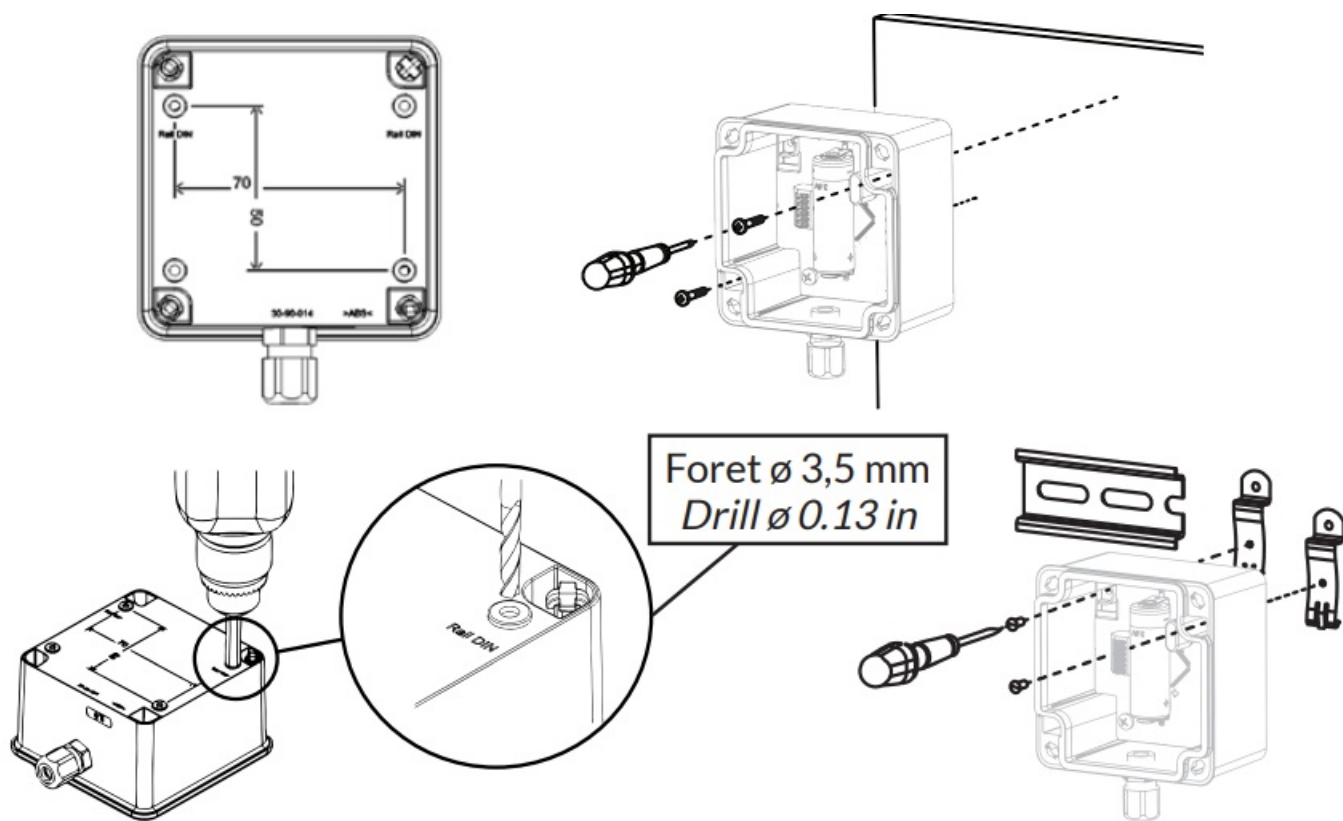


Installation Setting up

Opening / Closure

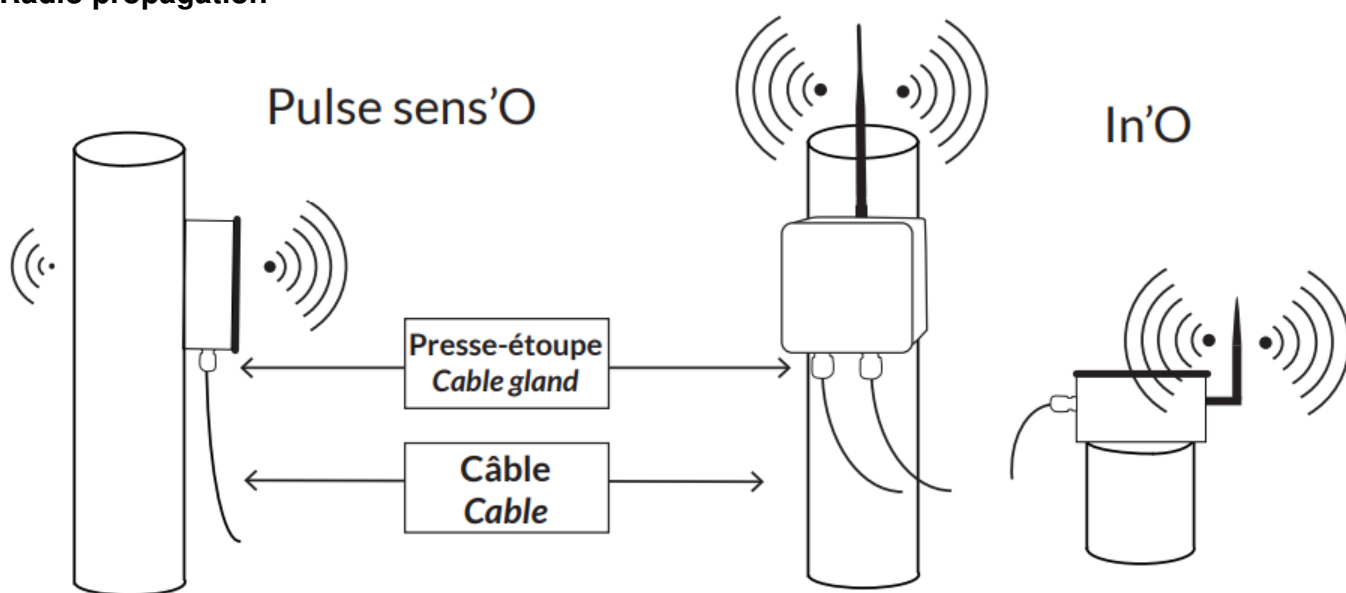


Wall mounting



Please note that after installation of the kit, the protection rating of the housing will change to IP50.

Radio propagation



Characteristics

Reference	50-70-160	50-70-039	50-70-016	50-70-087
Class	A	A	A	C
Power Level	+14 dBm	+14 dBm	+14 dBm	+14 dBm
Antenna	Internal	Internal	External	External
Casing materials	ASA / PC	ASA / PC	ASA / PC	ASA / PC
IP rating	IP55	IP68	IP55	IP55



SITE SUPPORT

<https://support.watteco.com/>

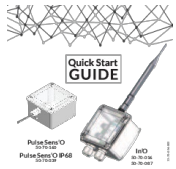


CERTIFICATIONS

Watteco represented by JC LE BLEIS, declares that the radio equipment type 50-70-016/50-70-087/ 50-70-160/50- 70-039 is in conformity with Directive 2014/53/EU (RED) and UKCA. The full text of the EU and UKCA Declaration of Conformity is available at the following web address:

<https://www.watteco.com/assistance/download-center/>

Documents / Resources



WATTECO 50-70-016 State Report and Output Control Sensor [pdf] User Guide
50-70-016, 50-70-087, 50-70-016 State Report and Output Control Sensor, 50-70-016, State R
eport and Output Control Sensor, Output Control Sensor, Control Sensor, Sensor

References

- support.watteco.com/
- [Download Center - WATTECO](#)
- [Concepteur et fabricant de capteurs transmetteurs radio connectés IoT - WATTECO](#)
- [Centre de téléchargement - WATTECO](#)