Lux transmitter

For lighting control

Part nr. 09588

Presentation

The light transmitter has a remote sensor with excellent accuracy and low drift. It has a power supply and a universal cable that allows it to be compatible with the LoRa® SPY U.

It is also possible to connect a NANO SPY U directly to the analog output of the transmitter or via a universal cable using a Binder IP67 connector (Ref: 12617).

Technical features

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Measurement accuracy	0,2-20kLux
Sensor	Photodiode Si
Montage	Mural
Output	4-20mA
Visual angle	Corrected according to the Cosinus law / 20° according to CI88/90
Power supply	10-40VCC
Power consumption	10mA
Accuracy	5-500mV/lux
Cable length	150m maxi (optionnal)
Operating conditions	-20 à +60°C
Dimensions	58x65x52mm
Power supply is needed	Supplied (Ref: 04732 2)
Universal adaptor is needed	Supplied (Ref: 12382)
Protection class	IP66

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Connection

Case 1: Connection diagram with a LoRa® SPY U

- Blue wire: Connect one extremity on the connector 3 of LoRa® SPY U. The other extremity is to be connected to the analog connector (Iout or Vlux) of the domino of the Light transmitter.
- Grey wire: Connect one extremity on the connector 5 of LoRa® SPY U. Connect the other extremity with a domino to the wire - of the 24V power supply (black wire).
- The + wire of the 24V power supply (black and grey) is to be connected on the terminal block +Vcc of the Light transmitter.
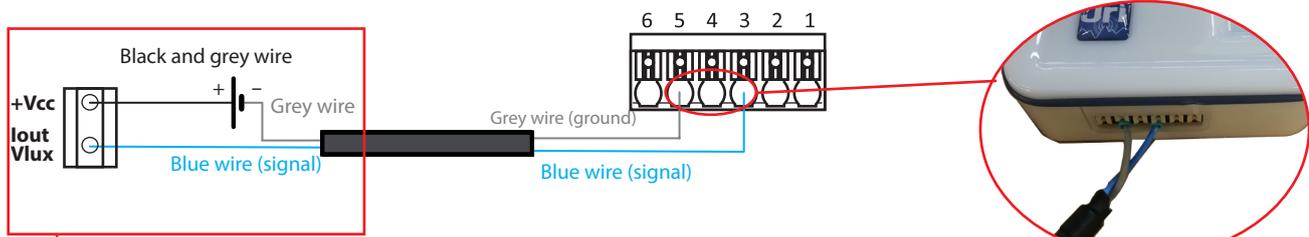
Complete connection of a LoRa® U
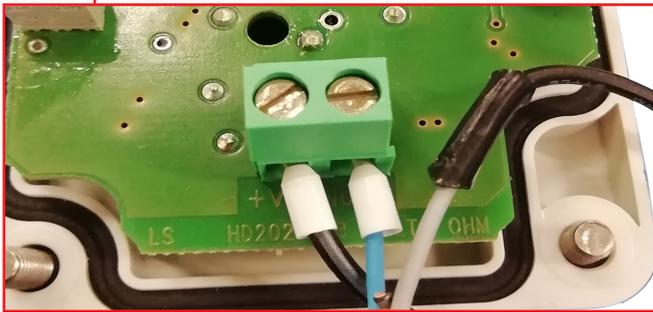
Case 2: Connection diagram with a Nano SPY U

JRI recommends the use of a IP67 Binder connector (ref 12617) and a universal cable to connect the Nano SPY U to the Lux transmitter.
- Brown wire: Connect to the analog connector (Iout or Vlux) of the domino of the Light transmitter.
- Grey wire: Connect to the - wire of the 24V power supply (black wire) with a domino.
- The + wire of the 24V power supply (black and grey) is to be connected to the +Vcc terminal block of the Light transmitter.