

Charakterystyka techniczna Adeunis Pulse 6-wire (ARF8230AA-CBL)

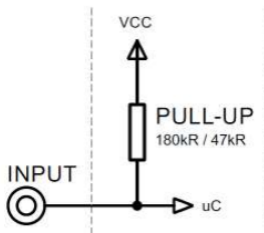


1.4.1 General characteristics

Parameters	Value
Supply voltage	Nominal 3.6V
Power supply	Battery Li-SOCl ₂
Maximum Power	90mA
Working temperature	-25°C / +70°C
Dimensions	105 x 50 x 27mm
Casing	IP 67
LoRaWAN region	EU 863-870
LoRaWAN specification	1.0.2
Power transmission	14 dBm
Applicative port (downlink)	1
Daily clock drift at 25°C	5 to 7 seconds

1.4.4.01 INPUT Circuit

The schematic diagram is the following:



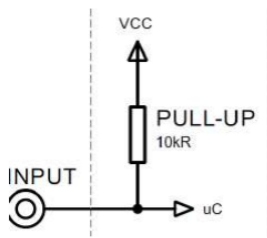
Absolute maximum ratings		Unit
Minimum input voltage	- 0.7	V
Maximum input voltage	3.6	V

Electrical characteristics (Typ.)		Unit
Minimum input voltage	0	V
Maximum input voltage	3.3	V
Equivalent Input pull-up	180 47	kΩ (Water) kΩ (Gas)
Input frequency	<100	HZ
Current consumption - Input HIGH	0	μA
Current consumption - Input LOW	20 80	μA (Water) μA (Gas)

Values beyond absolute maximum ratings will damage the device

1.4.4.02 TAMPER Circuit

The schematic diagram is the following:



Absolute maximum ratings		Unit
Minimum input voltage	- 0.7	V
Maximum input voltage	3.6	V

Electrical characteristics		Unit
Minimum input voltage	0	V
Maximum input voltage	3.3	V
Equivalent Input pull-up	10	kΩ
Current consumption - Input HIGH	Not applicable	μA
Current consumption - Input LOW	Not applicable	μA

Values beyond absolute maximum ratings will damage the device.

5.4. 6 wires cable version

A version of the PULSE is proposed with a 6 wires cable of 70 cm already linked to the terminal blocks. Here under the explanations of the colors:

