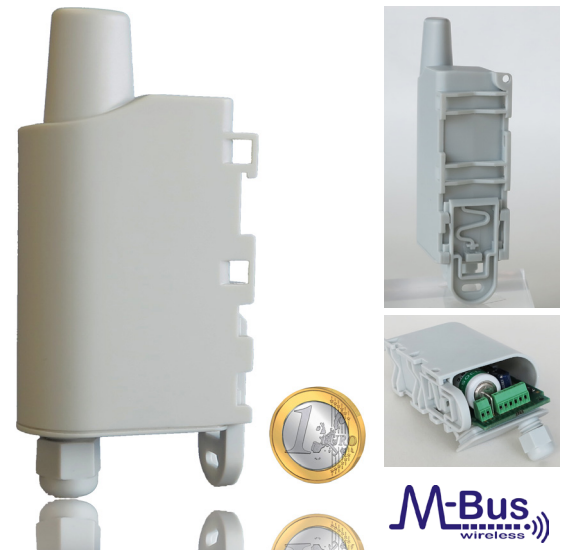


AMR - Pulse Wireless M-Bus

Highlights

- Radio transmissions of meter data (consumption index)
- Installation is extremely simple and fast
- Up to two meters per transmitter
- Range up to 600m
- Up to 12 years of autonomy (T1 - 10s)
- IP67 enclosure



The «AMR PULSE» from Adeunis RF is a ready-to-use **radio transmitter** allowing to **transmit data (index) from water, gas, electricity & heat meters**.

Two meters can be supported by a single **AMR PULSE** transmitter allowing a significant **reduction of costs** of implementation and deployment.

Using the **Wireless M-Bus** protocol allows to integrate the **AMR PULSE** into an already deployed network or to create its own ecosystem from the **Adeunis RF AMR product range**.

The **configuration** of the transmitter is accessible by the user **via radio** to the choice of **transmission mode, periodicity, pulse weight or data encryption**.

Power through Lithium battery allows **autonomy** guaranteed **up to 12 years** in T1 mode with a period of 10s.

Performances

RF power: 14dBm (25mW)
RF sensitivity: up to -117dBm
Range: up to 600m

Firmware

Wireless M-Bus modes: T, R, S, C
Transmission cycles: 10sec, 10mn or 12h
History of data
Data encryption: AES128

Warnings

Battery end of life

Consumption & needs

Operating voltage: 3.6V nominal
Power supply: through Li-SOCI2 battery
Lifespan: up to 12 years guaranteed

Compatibility

Water, Gas, Electricity and Heat meters

General information

Operating temperature: -20°C / +75°C
Integrated fixation systems: DIN-Rail, tube, wall, necklace
Dimensions: 105 x 50 x 27 mm
Housing: IP67 (IP68 on demand)
Standards: EN 300-220, EN 301-489, EN 60950, EN 13757-4:2005

References

- **ARF8043AA** AMR PULSE W-MBUS

ADEUNIS RF

283 rue Louis Néel - Parc Technologique Pré Roux
38920 CROLLES - France
Tel.: +33 (0)4 76 92 07 77 - Fax: +33 (0)4 76 04 80 87
www.adeunis-rf.com - arf@adeunis-rf.com