

Radio module for CD ONE single jet, DS TRP and DS SD multi-jet and MVM positive displacement water meters



- Built-in static inductive sensor
- Designed for data transmission to a remote wireless M-Bus system (868 MHz or 915 MHz)
- Data transmission: mode T1 (EN 13757)
- Manages: pulse input, flow direction and alarms (removal, tampering, leak)
- Insensitive to mechanical vibrations and magnetic fields
- Configuration via radio over the ARROW Collect with bidirectional communication
- Data may be collected over the ARROW Collect transceiver with the ARROW Mobile or ARROW Fixed software (for mobile or fixed reading)

TECHNICAL SPECIFICATIONS

Type	Radio module with built-in inductive sensor	
Radio	868 MHz/915 MHz FSK (EN 13757), mode T1	
Communication protocol	Wireless M-Bus (EN 13757)	
Power supply	3 V lithium battery	
Battery service life	12 years (average service life under standard conditions, not guaranteed)	
Average battery service life	Temperature	% of service life
	-15 °C ÷ 0 °C	10%
	0 °C ÷ +31 °C	80%
	+31 °C ÷ +55 °C	10%
Maximum pulse frequency	10 Hz	
Reference standard	EN 13757	
Programming interface	Via radio, in the vicinity	
Transmission distance	From 20 m (manhole) to 500 m (open air)	
Certifications	EC in compliance with the European directive on electromagnetic compatibility R&TTE	
Operating temperature	-10 °C ÷ +55 °C	
Storage temperature	-20 °C ÷ +70 °C	
Environmental class	C	
Electromagnetic class	E2	
Protection rating	IP68	
Installation	Wall/pipe mounting with fixing ring	

For complete instructions on installation and configuration, please refer to the installation guide and the software user manual.