

Interfacing with no strings attached

WMI(09)

Conlog's WMI(09), your essential wireless accessory, will effortlessly allow wireless communication between a previously hard wired meter and a wireless User Interface Unit (wUIU(09)). Communication is two-way between the meter and the wUIU(09); the WMI(09) can be used on all split meters and is available in Galvanic isolation and Current loop version. The WMI(09) is hard wired to the meter through the comms port, however communicates through radio frequency (RF) to the wUIU(09). The WMI(09) has a range extending from 35m (built environment) to 100m (line of sight).



Features

- > Enables a previously hard wired meter to communicate wirelessly
- > Range extends from 35m (built environment) to 100m (line of sight)
- > Quick and easy to install
- > Available in Galvanic isolation and Current loop version
- > Maximum Effective Radiated Power (ERP) of 10mW
- > Operates on open (ISM) band



We see a world where we can all achieve more while using less



We help utilities maximise their service delivery



Our products, solutions and services are simple, efficient and innovative

Product specifications

WMI (Wireless Meter Interface)

Connectivity Meter: current loop or galvanically isolated
WMI: RF modem

| WMI electrical rating | Current Loop | Galvanically isolated |
|-----------------------------------|--------------|-----------------------|
| Current loop (mA) - continuous | 3 | 2 |
| Operating voltage range (Vdc) | 20 | 12 |

Communication RF type: 433.05MHz to 434.790MHz (SRD band within the 10mW)

RF communication distance Line of sight: 100m
Built up environment: 50m

Insulation Insulation system classification Mechanical

Impulse 6kV
AC Voltage 4kV (RMS) for 1 minute

ICASA approval TA-2009/566

Terminals Type: Drop wire
Maximum Size: 0.7

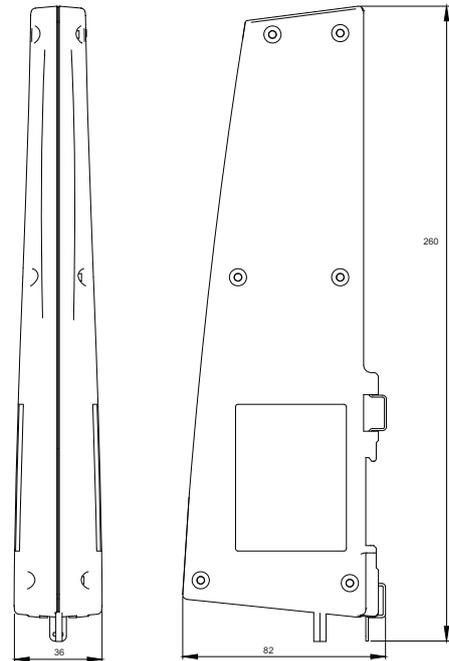
Mounting 35mm DIN mount
12,7mm bandit strapping

| Environmental | wUIU | WMI |
|-----------------------|--------------------|-------|
| Operating temperature | -10 °C to +55°C | |
| Storage temperature | -25°C to +70°C | |
| Humidity | 95% non-condensing | |
| IP rating | IP 54 | IP 65 |

Standards IEC 61000-4-2
IEC 61000-4-3
IEC 61000-4-4
IEC 61000-4-5
IEC 60950-1
CISPR22 Class B

Packaging
Packed box dimensions 305mmx90mmx85mm
Carton weight (incl box) 0.300kg packed weight (300g)

For further packaging information, kindly contact Conlog



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