

Description

The **FDWCP100** Manual Call Point (MCP) is a fully intelligent device which is compatible with all Teledata Translator and Expander Modules. The unit has a resettable plastic element, which displays a drop down warning flag when operated. A key is supplied with the MCP for reset and case opening.

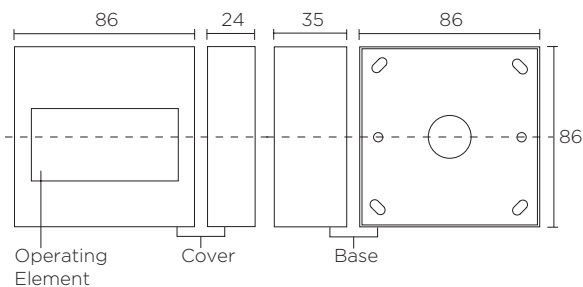
The unit can be fitted with an optional transparent cover for protection against accidental operation or with a weatherproof enclosure for use outdoors or in hostile environments.



Key features

- Bi-directional wireless communication
- 3rd party approval to EN54-11 & EN54-25
- Resettable element
- Self optimising wireless frequency and amplitude algorithms
- Utilises standard low cost lithium battery technology
- 5 year expected battery life
- 5 year product warranty
- High reliability

Technical information



Technical specifications

Operating frequency range	868 - 870 MHz
Max radiated power	5dBm (3mW)
Radio signal modulation type	FSK
Operating frequency channels	7
Communication range with the Translator or Expander Module	≤ 150 m (in open space)
IP rating	42
Dimensions	86 mm x 86 mm 59 mm
Weight (without batteries)	186g
Primary battery	CR123A (3 V & 1.2 Ah)
Secondary battery	CR2032A (3 V & 0.24 Ah)
Primary battery lifespan (typical)	5 years
Secondary battery lifespan (typical)	2 months
Operating Temperature (no icing)	-10°C to +55°C
Max humidity (non condensing)	95% RH

Standards & approvals

- BS EN 54-11: Manual Call Points
- BS EN 54-25: Components using radio links and system requirements