

FPC-13099 - TWO WAY RADIO

The 2 Way Radio version of the Remote Signal Communicators transmits up to 2 analog and 6 digital signals in both directions, providing a replacement for cables in situations where they are too costly or impractical to run. Utilising our Modbus I/O modules paired with 900MHz radio transceivers and remote mount high gain antennas, the panels communicate a regular signal, ensuring reliable and consistent communication.

HARDWARE FEATURES

Enclosures:

- IP56 rated, powder coated mild steel enclosures with removable gland plates

Protection:

- Low voltage control and input circuitry

Control & Interface:

- Modbus I/O modules with radio link fail indication
- 900MHz radio transceivers with signal strength and communication status indication

Inputs (both panels):

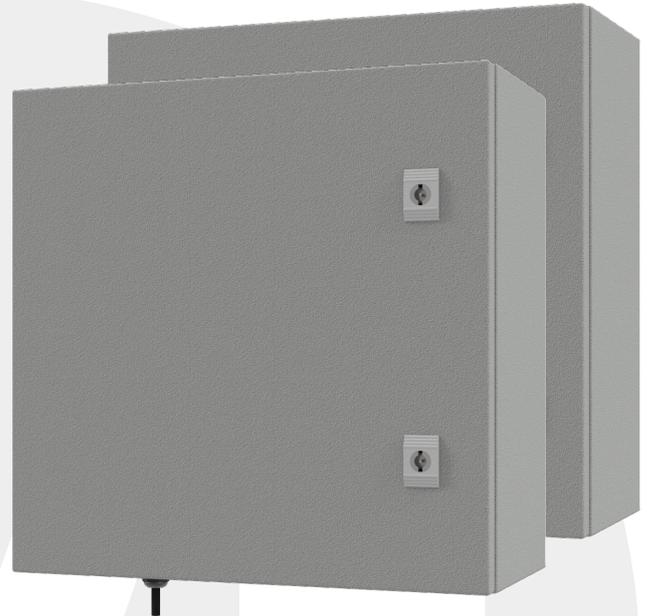
- Single phase (230Vac) power supply
- 2x Analog 4-20mA inputs
- 6x Digital 24Vdc inputs

Outputs (both panels):

- 2x Analog 4-20mA passive outputs
- 6x Digital volt free outputs
- 1x Radio link active volt free output

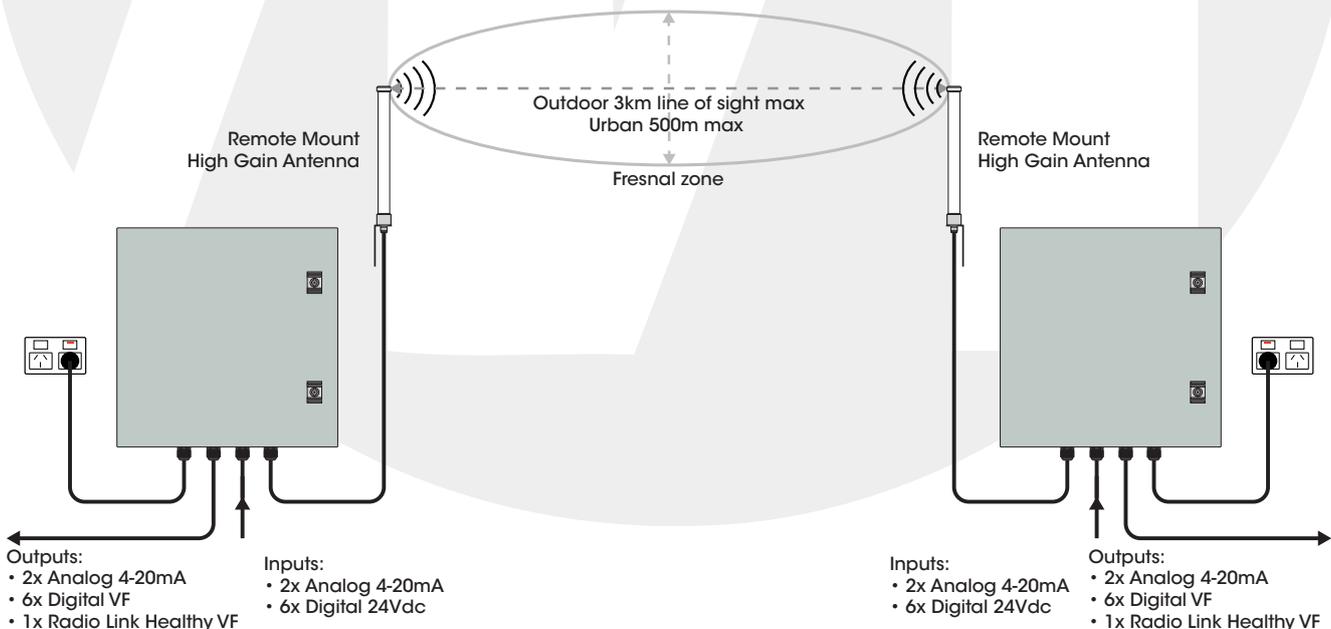
Included with panels:

- 10 Amp 3 pin 1.5m power supply leads
- 2x Remote mount high gain antennas with 10m cable



FUNCTIONS

- Transmits up to 2 analog and 6 digital signals in both directions, providing a replacement for cables in situations where they are too costly or impractical
- Communicates a regular signal, ensuring reliability and consistency
- The max range of the radio transceivers is 3km in outdoor line of sight applications or 500m in urban applications.
- Antennas require line of sight to operate reliably, with free space in the Fresnel zone.



REMOTE SIGNAL COMMUNICATOR - TWO WAY RADIO

Code	Description	Enclosure Size
FPC-13099	Remote Signal Communicator - Two Way Radio	2x 400x400x200mm

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V1.1 Specifications are subject to change without notice | Images are a guide only and may differ from actual product