



PARROT

SYSTEM PAR 4-20 MA



The Parrot International PAR 4-20 mA is a “one to one” wireless cable replacement system consisting of a paired transmitter and receiver.

Any 4-20mA signal in will give the same 4-20mA signal out. It is designed to remove the requirement of installing expensive cable and cable containment.

The transmitter and receiver are designed to fit on a standard DIN rail.

Incorporating the latest low power long range wireless LoRa technology, Parrot Wireless’s devices use sophisticated and highly robust Chirped Spread Spectrum (CSS) modulation techniques to provide best-in-class sensitivity, blocking performance and improved interference immunity.

Coupled with advanced Digital Signal Processing (DSP), Parrot Wireless achieves greater wireless range for minimal power consumption, making it suitable for mains and battery powered applications alike.

FEATURES

- Clips onto standard DIN rail
- Monitored for power and Tx/Rx failure
- Easy view LEDs for operational status
- Tx 4-20mA is loop powered, isolated and non-polarised.
- AES 120 bit data encryption
- Modules requires a nominal 5-24VDC supply (+/- 10%)
- 24V or 5-12V battery powered mode
- Transmitter idle current: 35mA, 1mA in battery powered mode
- Modules are “colour coded” for easy identification

CERTIFICATION

- ISM Frequency Bands 868MHz (UK & Europe) & 915MHz (USA)
- Radio Compliance: ETSI RED (Europe)
- FCC Certified (USA) & IC (Canada) requirements
- UKCA compliant
- CE marked
- RoHS compliant
- Power Supply

MODULES

- Dispatched as a paired set of modules (transmitter and receiver)
- 4-20mA pairs are calibrated and ready to use



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