



# PARROT

## SYSTEM PAR 4 VOLT FREE



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

4 Volt free (dry) contact inputs to 4 volt free (dry) contact outputs.

It is designed to remove the requirement of installing expensive cable and cable containment. The transmitter and receiver 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
- 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
- RX and TX can be fitted with optional external antennas
- Modules are “colour coded” for easy identification

### CERTIFICATION

- SM 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 dry contact inputs to 4 dry contact outputs



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- SMA connector for external antenna