



Logical & analogical status transfer through stealth radio transmission 433/434MHz – 10mW



These systems enable **one-way transmission of 8 digital states or 4 analog quantities** over 400 metres.

In DIGITAL version, the transmitter is provided with **8 binary inputs to 8 "open collector" outputs or 4 relay outputs**.

In ANALOG version, the 4 outputs copy the value of the corresponding input. This is a **4-channel / 8-bit system**, with **0-5 V** voltages or **0-20 mA** currents.

The receiver is on continuous listen and periodically changes channel in the same way as the transmitter. The link is addressed and is made on 3 channels.

7 groups of 3 channels are available.

The applications covered range from **information transfer**, remote controls, to triggering security systems... in sectors of activity such as **automation**, robotics, **remote management**...

Specifications

- Frequencies **433.125 to 434.700MHz**
- Radiatec RF power **10mW / 50 ohms**
- Sensitivity **-105dBm**
- Rated consumption **30mA**
- Operating temperature **-20 / +70°C**
- IP65 box **145 x 100 x 40mm + 170mm antenna**

Logical version

Transmitter

- 8 dry contact inputs

Zin > 50kohms

« Open collectors » receiver

- Supply voltage
- Collector voltage
- Max absorbable current outputs 1 to 7
- Max absorbable current output 8
- **Receipt validity output**

9 à 30Vdc
Vce max. 30V
100mA
1A

« Relay » receiver

- Supply voltage
- Switching capacity
- « Radio link status » output
- Rated consumption
- **NO contact on outputs 1, 2 or 4 – NO/NC contact on output 3**

15 to 30Vdc
10A/250V
Disabled or on relay 1 or 3 as required
53mA (except output)

Analogical version

- Rated consumption
- **Four 8-bits outputs**
- **Serial data output**
- **Receipt quality output**

53mA (except output)

Alternative versions

ARF6188B : LOGICAL transmitter
ARF6189B : « Open collectors » LOGICAL receiver
ARF6678B : « 4 relays » LOGICAL receiver
ARF6493B : ANALOGICAL transmitter
ARF6494B : ANALOGICAL receiver

Your distributor