

## FTR970B-PRO

### Recording receiver in a field enclosure



FTR970-PRO is radio data receiver with data logging used with Nokeval MTR and FTR series radio transmitters. Device can receive, unpack and buffer data packets into its memory from transmitters. It identifies automatically type of a transmitter, so it can be used simultaneously with different transmitters and with different transmit periods. FTR970-PRO uses license free frequency range of 433.92 MHz, so it can be used freely in areas where this so called ISM frequency range is allowed, covering almost whole of Europe.

Receiver can be connected to computer using RS-485, RS-232 or USB bus. The PRO receiver can be used with PromoLog software, or any software supporting Modbus RTU or Nokeval SCL.

Nokeval SCL or Modbus RTU protocols are used for data transfer. When RS-485 is used there can be several FTR970-PRO devices on the bus and they can be positioned to cover larger receive area. Receiver has four diagnostics leds and it needs operating voltage between 8..30 VDC.

Connection details	
bus protocol	Modbus RTU
	Nokeval SCL
	NOPSA
bus interface	RS-232
	RS-485
	USB
baud rates	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400
programming	Mekuwin
Logger details	
memory	2 Mb Flash
	150 000 samples
Power supply	
supply voltage	24 VDC: 8...30 VDC
current consumption	Max 80 mA

**General information**

dimensions	70 x 85 x 60 mm (LWD)
maximum ambient temperature	60°C
minimum ambient temperature	-30°C
case material	ABS plastic, gray
installation	wall mount
protection class	IP65
cable glands	1x PG-11