

RTR970B

DIN rail mountable receiver



RTR970 is radio data receiver for Nokeval MTR series wireless transmitters. It receives and buffers the data packets that MTR transmitters have sent. It automatically recognizes the types of the transmitters, so different kinds of transmitters can be used simultaneously. Transmitters can also have different transmission intervals. RTR970 uses license free 433.92 MHz frequency band (ISM) so it can be freely used, for example, almost in whole Europe.

RTR970 is 35 mm DIN rail mountable but desktop use is also possible. The receiver is connected to a computer using RS-485, USB or RS-232 bus and it requires PromoLog application that reads the information from the device. Nokeval SCL protocol is used for data transmission between the receiver and the computer. Multiple receivers can be connected in parallel to an RS-485 bus to increase the coverage area. The receiver has three indicator LEDs and it requires 9..30 VDC.

Connection details	
bus protocol	Nokeval SCL
bus interface	USB
	RS-485
	RS-232
baud rates	1200, 2400, 4800, 9600, and 19200
Power supply	
supply voltage	24 VDC: 8...30 VDC
current consumption	Max 80 mA
General information	
maximum ambient temperature	60°C
minimum ambient temperature	-30°C
case material	ABS plastic, gray
installation	35 mm DIN rail
protection class	IP20