MTR264

4-channel transmitter for thermocouples

MTR264 is a battery powered, 4 channel wireless transmitter. It is housed in a compact plastic enclosure and equipped with a 6-terminal detachable screw post connector.

It has an internal circuit board antenna for a radio coverage area of up to 100 meters in free space.

The wireless concept allows easy implementation, installation and expansion of a measuring system even in difficult locations and installation sites.

The transmitter is programmable for transmission intervals from 5 seconds to 5 minutes and for millivolt and thermocouple inputs.

If thermocouple input is used, the result is sent in millivolts. In addition, the device measures and sends the cold junction temperature.

The result is linearized in the receiving system (for example, PromoLog or FTR970B-PRO).

Input details	
inputs	Thermocouples
	mV
input channels	4
Radio details	
transmission interval	4 s... 5 min
coverage range	open space up to 100 m
Output details	
output channels	4
outputs	433 MHz radio signal
Connection details	
connector model	1.5mm², detachable
programming	MekuWin or 6790
Power supply	
supply voltage	Battery: 3V CR2032
battery life	less than year with 1 minute transmit interval
General information	
dimensions	45 x 81 x 18.5 mm (WHD)
maximum ambient temperature	60°C
minimum ambient temperature	-30°C
weight	36 g