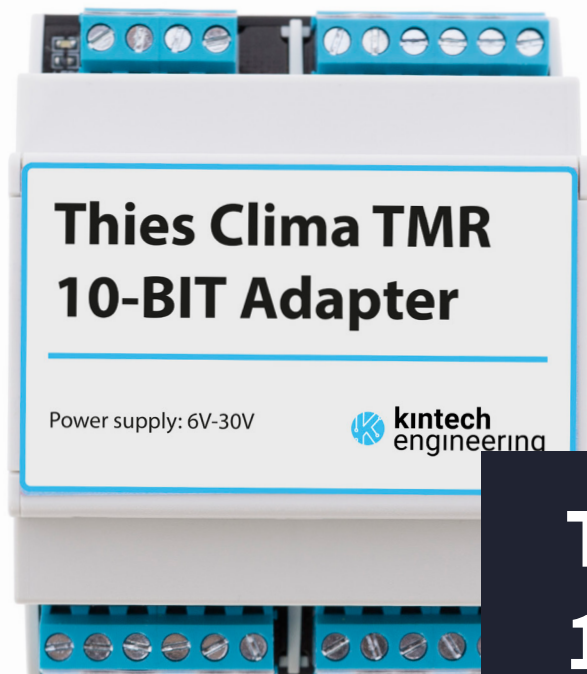




kintech
engineering



THIES CLIMA TMR 10-BIT ADAPTER

Compatible with:

4.3151.10.001

4.3151.00.001 (heating)

4.3129.70.701

4.3129.70.001 (cable)

4.3129.60.701 (heating)

4.3129.60.001 (heating)+(cable)

The Thies Clima TMR 10-bit adapter is a compact and robust electronic interface module designed to convert the signals from the Thies Windvanes with digital output 10-bit serial-synchronous into standard 0–5V analog signals. It features two independent channels to connect up to 2 windvanes in the same adapter.

Specifications

Power supply range	6...30V
Input current	2.5mA, measured at 12V with no sensors connected to its input terminals
Sampling rate	1Hz in compliance with IEC-61400.12.1
Transfer function on the analog outputs	0V..5V → 0°..360°
Total error	±0.36°
Operating temperature range	-40...+85°C
Storage temperature range	-40...+85°C
Dimensions	72mm x 89.7mm x 62.2mm
Mounting	Standard DIN Rail / Panel mount

Schematic wiring diagram:

