External temperature sensor

Technical product description, datasheet

This external digital thermometer sensor:
- provides 9-bit to 12-bit Celsius temperature measurements.
- derives power directly from the ITalks MCS 1608 node, eliminating the need for an external power supply

Art. nr. 110530

Unique 64-bit serial code

Each temperature sensor has a unique 64-bit serial code, which allows **multiple external sensors** to function on the same ITalks MCS 1608. Thus, it is simple to use one ITalks MCS 1608 node to control many temperature sensors distributed over a large area.
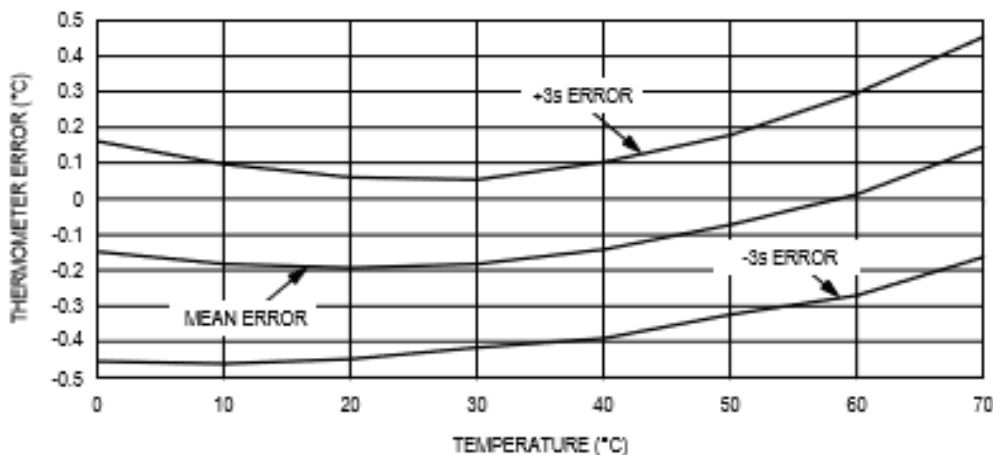
Applications

Applications that can benefit from this feature include HVAC environmental controls, temperature monitoring systems inside buildings, equipment, or machinery, and process monitoring and control systems.

Specifications

Operation range		-55 to +125 ^{o}C
Temp error	-10 to +85 ^{o}C	+/- 0,5 ^{o}C
	-55 to +125 ^{o}C	+/- 2 ^{o}C
Protection class		IP65

The sensor connected with ITalks MCS 1608 node, art. nr. 110517