

BISLY 1-WIRE TEMP SENSOR (AIR)

Part No: 1205001

Bisly 1-Wire Temp Sensor (Air) is a high accuracy temperature sensor for indoor ambient room temperature measurements with a digital interface. Bisly 1-Wire Temp Sensor (Air) is typically mounted in the lighting switch socket.

The sensor has following features:

- Accurate temperature measurement ($\pm 0.5^{\circ}\text{C}$)
- QR-code code for easy installation
- Digital 1-Wire communication interface
- Bus (daisy-chain) wiring topology
- Temperature calibration through Bisly Single Cloud Platform



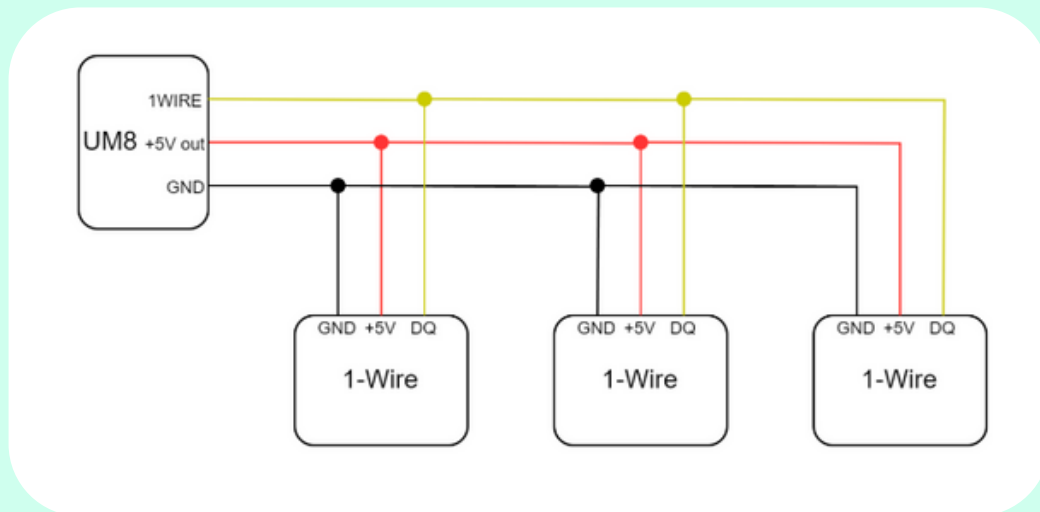
Electrical Data	
Supply voltage	+5 VDC
Power consumption (per sensor)	5 mW
Pinout	Yellow - DQ Red - +5V Black -GND
Temperature accuracy	Air temperature (-10 to 85°C): $\pm 0.5^{\circ}\text{C}$
Communication interfaces	1-Wire digital interface
Ambient operating temperature	+5... 80°C
Humidity	max. 80% r.H. (non condensing)
Voltage rating (cable)	50 V
Cable length	39 cm
Cable type	Stranded, AWG 24

Certifications & Standards

Certifications

CE, WEEE, RoHS

Connection diagram



Installation must be carried out by a qualified electrician in accordance with the relevant regulations.