

Temperature and Humidity Sensor

Accessories

FlexPower Sensors

M12FT3Q

Type	M12FT3Q
ID	3085306
Wireless data	
Device type	Sensor
I/O data	
Communication protocol	Modbus RTU RS485
Electrical data	
Mechanical data	
Design	Tube
Electrical connection	Connector, M12 × 1
Antenna connection	No radio participant
Ambient temperature	-40...+85 °C
Relative humidity	0...100%
Protection class	IP67
Tests/approvals	

Functional principle

This robust sensor in a metal housing was developed to monitor the temperature and humidity of rooms or machine parts. Depending on the variant, the data can be transmitted to a controller via the RS485 interface or radio. This allows a critical condition to be detected at an early stage or the values simply to be monitored over time.

This sensor is specially designed to be supplied by a FlexPower radio node. It offers low power consumption and a short warm-up period.