

# Temperature and Humidity Sensor

## Accessories

### FlexPower Sensors

#### M12FT3Q

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

#### 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.