

# Temperature Humidity sensor

Ref. [ 950 102 ] TH3-HTemp OW

## Applications

- For measurements in complex industrial applications
- For measurements under rough operating conditions



For measuring relative air humidity and temperature

### Characteristics:

- Humidity range between 0 to 100 % RH
- Temperature range between 0 to 100 °C
- Temperature resistant from -70 to +120 °C
- Robust case, protection type IP 65
- Outstanding accuracy and stability
- Length up to 1'200 meters
- RS485 Modbus / ASCII
- 2 digital inputs
- **Option**
- 2 analog outputs 4-20 mA

### Technical specifications:

- With filter for condensing environment
- High resolution            +/- 0.015 °C (-40°C to +125°C)  
                                     +/- 0,01 RH% (0% to 100%)
- Accuracy                      +/- 0.3 °C (-40°C to +125°C)  
                                     +/- 2 RH% (0% to 100%)
- Measuring speed            35 ms
- Measuring element        Sensirion SHT31
- Power supply                +9V to +48V DC  
                                     reverse polarity protection