

Relative Humidity Sensors



- 2 analog outputs for temperature and humidity
- Calibrated Temperature + Humidity sensor, single - chip
- High output accuracy
- Long time stability
- Check the low thermal drift
- Small and useful desing
- The output signal can be selected separately for each 2 output

	Pronem mini	Pronem midi
Performance		
Measuring range (RH)	0...100 %RH	0...100 %RH
Measuring range (T)	-20°C...+80°C	-20°C...+80°C
Accuracy (RH)	+/-2 %RH (Typ)@23°C	+/-2 %RH (Typ)@23°C
Accuracy (T)	+/-0,3°C (Typ)@23°C	+/-0,1°C (Typ)@23°C
Stability (RH)	<1 %RH/year (Typ)	<1 %RH/year (Typ)
Stability (T)	<0,04°C/year (Typ)	<0,04°C/year (Typ)
Hysteresis (RH)	+/-1 %RH	+/-1 %RH
Hysteresis (T)	+/-0,1°C	+/-0,1°C
Electrical Properties		
Supply Voltage	16...32Vdc	16...32Vdc
Output Signal	0-10V, 4-20mA	0-10V, 4-20mA
Working Conditions		
Operating Temperature Range	-40°C...+85°C	-40°C...+85°C
Height	2000m. Until	2000m. Until
Communication Option	N/A	RS-485 Communication Interface