

Humidity and temperature Transmitter

Model: MDHT 1

Applications

- Pharmaceutical factory
- Cleanroom
- Patient isolation rooms
- Operating rooms
- Ventilation systems
- Air conditioning filtration system
- Industrial manufacturing

Special features

- High accuracy and good stability sensor
- 4...20 mA or 0...5 VDC output
- Multi temperature units range

Description

- **Accuracy class** 2% RH, 0.3% temperature
- **Temperature range** -40 ... +120°C(0.3% temperature 5...60°C)
- **Humidity range** 0...100%(2%, 20...80%RH)
- **Resolution** 0.1%
- **Counted values** Dew point, absolute humidity, specific mixing ratio, specific enthalpy
- **Power supply** 9...30VDC
- **Out put** 4...20 mA, 0...10V, 0...5V
- **Long-term stability** ± 0.25% FS/year
- **Protection** IP67



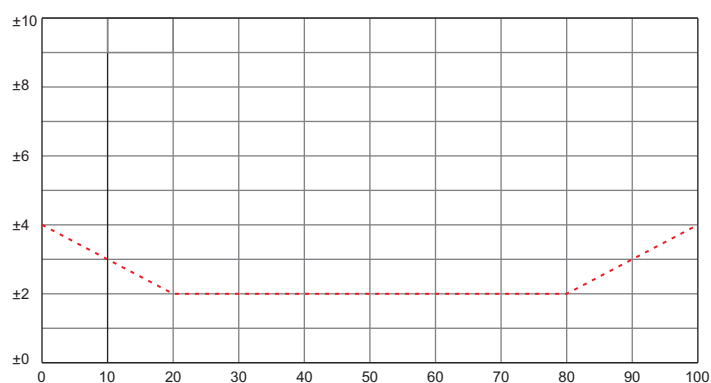
temperature range selection

Model	Scale ranges
M1	-40 ... 60 °C
M2	0 ... 60 °C
M3	-20 ... 80 °C
M4	0 ... 80 °C
M5	-40 ... 100 °C
M6	0 ... 100 °C
M7	-40 ... 120 °C
M8	0 ... 120 °C
C	Customer should consult with the factory if has any special requirement

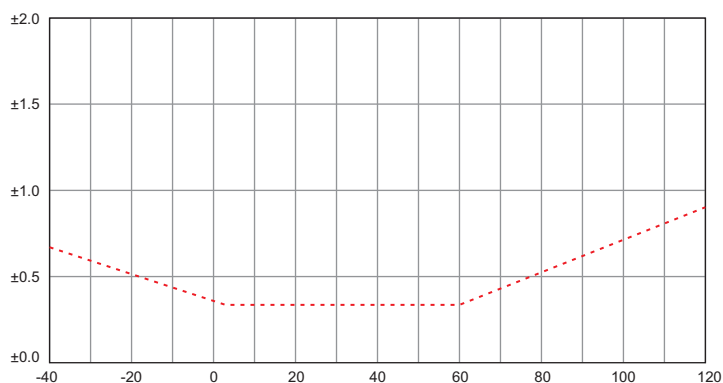
MDHT 1 Humidity and temperature Transmitter

ORDERING CODE	Example:	MDHT 1	M6	U	D	W	O	Note
please see the temperature range selection								
Please specify			M6					
Out Put								
U - Two 4 ... 20 mA				U				
S - 4 ... 20 mA + RTD								
V - 0 ... 10 V								
W - 1 ... 5 V								
C - Customer								
Power Supply								
A - 85 ~ 250 VAC								
D - 24 VDC					D			
B - Battery power								
Z - Dual power (battery and 24 VDC)								
Type								
W - Wall mount						W		
D - Duct mount								
Indicator								
W - With								
O - Without							O	
Probe length								
XXX in cm								
Other								

Humidity error (%RH)



Temperature error (°C)





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