

## Comparison table of HUMICAP® Humidity and Temperature Transmitter HMD60/70 and HMD60



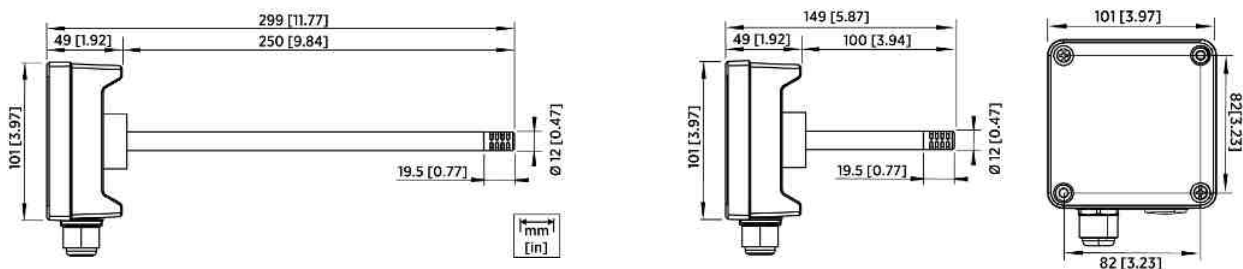
### Comparison of HMD60Y and HMD62

FEATURES	Current HMD60Y	New HMD62
<b>Mechanical footprint</b>	Body 100x100x62 mm	101x101x49 mm fits same mounting holes
<b>Probe length</b>	250 mm	250 mm
<b>Materials</b>	Aluminum body Stainless steel probe Chrome plated plastic filter	Aluminum body Stainless steel probe Stainless steel filter
<b>Output signals</b>	2x 4 ... 20 mA floating current loops 0...100%RH -20 ... +80°C	2x 4 ... 20 mA floating current loops Default scale: 0...100%RH -20 ... +80°C Configurable with Insight software
<b>Calculated parameters</b>	None	Selectable by DIP: Dew point, Wet bulb, Enthalpy, Absolute humidity, Mixing ratio
<b>Measurement accuracy at room temperature</b>	RH: ±2%RH 0 ... 90%RH T: ± 0.2°C	RH: ±1.5%RH 0 ... 90%RH T: ± 0.1°C
<b>Operating temperature range</b>	-20 ... +80°C (probe) -20 ... +60°C (body)	-40 ... +80°C (probe+ body)
<b>Field adjustment</b>	Trimmers	Trimmers HM70 Insight software
<b>Humidity only model</b>	Available: HMD60U humidity only HMD60T temperature only	Temperature output is always included. Powering of temperature output is optional. Temperature only model TMD62 available
<b>Ingress protection class</b>	IP65 IP6X = Dust tight IPX5= Water jets	IP66 and NEMA4X IP6X = Dust tight IPX6= Powerful water jets
<b>Humidity sensor</b>	HUMICAP®180	Latest HUMICAP®R2 for improved corrosion resistance

## Comparison of HMD70Y and HMD65

FEATURES	Current HMD70Y	New HMD65
<b>Mechanical footprint</b>	Body 100x100x62 mm	101x101x49 mm fits same mounting holes
<b>Probe length</b>	250 mm	250 mm
<b>Materials</b>	Aluminum body Stainless steel probe Chrome plated plastic filter	Aluminum body Stainless steel probe Stainless steel filter
<b>Output signals</b>	2x 0 ... 10 V outputs Jumper configurable for 0 ... 1/5 V Sourcing 0 ... 20 mA with optional current module 0...100%RH -20 ... +80°C	2x 0 ... 10 V outputs 0 ... 5V and 1 ... 5 V configurable using Insight software Default scale: 0...100%RH -20 ... +80°C Configurable with Insight software AND BACnet MS/TP Modbus RTU
<b>Calculated parameters</b>	None	Selectable by DIP: Dew point, Wet bulb, Enthalpy, Absolute humidity, Mixing ratio
<b>Measurement accuracy at room temperature</b>	RH: $\pm 2\%RH$ 0 ... 90%RH T: $\pm 0.2^\circ C$	RH: $\pm 1.5\%RH$ 0 ... 90%RH T: $\pm 0.1^\circ C$
<b>Operating temperature range</b>	-20 ... +80°C (probe) -20 ... +60°C (body)	-40 ... +80°C (probe+ body)
<b>Field adjustment</b>	Trimmers	Trimmers HM70 Insight software
<b>Humidity only model</b>	Available: HMD70Y humidity and temperature HMD70U humidity only HMD70T temperature only	Temperature output is always included. No temperature only version with voltage outputs available
<b>Ingress protection class</b>	IP65 IP6X = Dust tight IPX5= Water jets	IP66 and NEMA4 IP6X = Dust tight IPX6= Powerful water jets
<b>Humidity sensor</b>	HUMICAP®180	Latest HUMICAP®R2 for improved corrosion resistance

## HMD60 dimensions



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