

HF5 TRANSMITTER										
Standard version with special price / on stock										
HF532-WB1XX1XX	3 wires, 4-20 mA, Humidity (0...100 %rh) and Temperature (0...50 °C), No Display									
HF532-WB1XD1XX	3 wires, 4-20 mA, Humidity (0...100 %rh) and Temperature (0...50 °C), With Display									
Voltage supply and output										
Power supply	Type	Output								
2-Wires (Display without backlight possible; no communication interface)										
10...28 VDC	2-wires	4...20 mA	HF520-							
Low voltage 3 wires										
18...40 VDC / 13...28 VAC	3 wires	4...20 mA	HF532-							
18...40 VDC / 13...28 VAC	3 wires	0...10 V	HF535-							
Low voltage 4 wires galvanically separated										
9...36 VDC / 7...24 VAC	4 wires	4...20 mA	HF542-							
Mains voltage 4 wires galvanically separated (HF8 housing)										
100...240 VAC	4 wires	4...20 mA	HF562-	W	only horizontal mount					
Device type / mechanical installation										
Duct mounted version									D	
Wall mounted version									W	
Output parameters										
Humidity & Temperature (Humidity always 0...100 %rh)								B	X	X
Humidity & Specific Humidity (Q) in g/kg								4	X	X
Humidity & Mixing ratio (R) in g/kg								6	X	X
Temperature & Dew point								A		
Temperature & Wet bulb temperature (Tw) in °C								C		
Temperature & Enthalpy (H) in kJ/kg								D		
Temperature & Specific Humidity (Q) in g/kg								E		
Temperature & Mixing ratio (R) in g/kg								G		
Output scaling of temperature										
<i>Humidity always 0...100 %rh</i>										
0...50 °C								1	X	
0...100 °C								A	3	
0...150 °C								D	6	
-40...60 °C								3	X	
-30...70 °C								4	X	
-40...85 °C								5	X	
0...100 °F								6	X	
Optional Display										
Display (horizontal mounting only)									D	
No Display (vertical mounting type always without display)									X	
Electrical connections and interface configuration										
Cable gland	Mounting	Display								
Analogue signals on screw terminals										
1x M16 / 2x M16 by HF56x	horizontal	possible								1
1x M16	vertical	not possible	D						X	2
Analogue and supply signal on connector										
Tuchel T7 connector on housing	horizontal	possible	HF53x HF54x						F	
RS485 on screw terminals & Analogue signals on screw terminals										
2x M16	horizontal	possible	HF53x HF54x HF562						H	
Ethernet RJ45 & RS485 on screw terminals & Analogue signals on screw terminals										
1x M16 / 2x M16 by HF56x	horizontal	possible	HF53x HF54x HF562						L	
Scaling calculated parameters										
No calculation								X	X	
0...20								1	X	
0...25								2	X	
0...50								3	X	
0...100								4	X	
-50...200								D	X	