

H6

- HUMIDITY + TEMPERATURE TRANSMITTERS, DEW POINT AND DELTA T
- WITH CAPACITIVE SENSOR AND INTERCHANGEABLE FILTERS



FEATURES

OUTPUTS		H6
Number of outputs	2, isolated from each other: humidity + temperature	
Humidity output	4...20 mA 2 wires (max. 500 Ω)	
Humidity range	0...100% RH	
Humidity accuracy	Typically ± 2% RH (max ±5 % RH) between 10... 90 % RH	
Humidity thermal stability	0.01%/ °C	
Thermal drift	1 uA/ °C	
Temperature output	4...20 mA 2 wires (max. 500 Ω)	
Temperature range	-30...+70°C, 0... +100°C	
Temperature accuracy	Output 4...20 mA <0.5°C between -20...80°C	
Temperature thermal stability	0.1°C/ °C	
GENERAL		
Power supply	10... 30 VDC	
Power consumption	2 W max.	
Response time	1 sec.	
Calculation of dew point and Delta temperature	Mathematically derived from%RH and temperature	
MECHANICAL		
Case dimensions	100 x 100 mm, depth 61 mm	
Glandes footprint	35 mm max.	
Probe connector footprint	25 mm	
Case protection degree	IP66	

HOW TO ORDER

To compose the part number, pls. choose one of the option for each variable

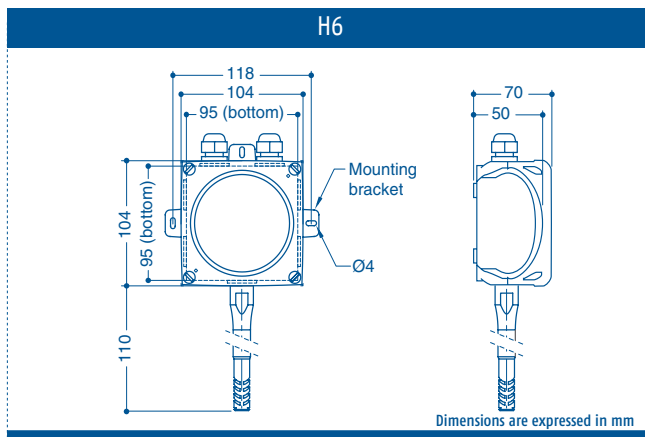
H6	CODE
CASE	
Wall mounting Ø 20 - L = 110 mm	P0
Duct Ø 20 - L = 250 mm	C2
Duct Ø 20 - L = 390 mm	C3
Duct Ø 20 - L = 530 mm	C5
Remote mount cable 10 m	R1
Remote mount cable 2 m	R2
Remote mount cable 5 m	R5
STEM PROBE MATERIAL	
Stem plastic PVDF	0
FILTER	
Mesh wire stainless steel filter	R
Sintered stainless steel filter	S
Teflon filter	T
HUMIDITY OUTPUT	
4... 20 mA/o... 100% RH	1
TEMPERATURE OUTPUT	
No output	0
4... 20 mA	1
Dew point - 4... 20 mA	4
Delta temperature - 4... 20 mA	7
TEMPERATURE RANGE	
Not available	0
-30... +70°C	1
0... 100°C	4
CONNECTIONS	
Terminal block	M

NOTE

Pls. pay attention !

The transmitter is not compatible with the previous series of humidity sensors.

DIMENSIONS



CONNECTIONS

