

XB OEM TRANSMITTERS
Voltage supply and output
Power supply
Output
Low voltage 2-wire

10...28 VDC	4...20 mA	XB20-	P
10...28 VDC	4...20 mA	XB20-	A

Low voltage 3/4-wire

15...40 / 12...28 VAC	0...20 mA	XB31-
15...40 / 12...28 VAC	4...20 mA	XB32-
10...40 VDC / 5...28 VAC	0...1 V	XB33-
10...40 VDC / 8...28 VAC	0...5 V	XB34-
15...40 VDC / 12...28 VAC	0...10 V	XB35-

Device type / mechanical installation

Standard without housing, PCB only	X
Plastic housing, Wall version, 1x M16 cable gland	W X
Plastic housing, Duct version, 1x M16 cable gland	D X
Plastic housing, Cable version, 1x M16 cable gland	C

Cable length (Length between pcb and probe)

Duct or Wall mount type (<i>without cable</i>)	X
Cable length 2m	2
Cable length 5m	5

Probe type and probe length (filter must be ordered separately)
Probe diameter
Probe l.
Remarks
PEEK probe with NSP ME filter carrier

ø15mm	100 mm		P	1
ø15mm	250 mm		P	3
ø15mm	400 mm		P	4
ø15mm	550 mm		P	5
ø15mm	700 mm		P	7
ø25/15mm	250 mm	Type X, C, D	A	3
ø25/15mm	400 mm	Type X, C, D	A	4
ø25/15mm	550 mm	Type X, C, D	A	5
ø25/15mm	700 mm	Type X, C, D	A	7

Steel probe with NSP ME filter carrier

ø15mm	120 mm	Type X, C	S	1
ø15mm	270 mm	Type X, C	S	3
ø15mm	420 mm	Type X, C	S	4
ø15mm	520 mm	Type X, C	S	5
ø15mm	720 mm	Type X, C	S	7

Humidity sensor

Hygromer IN-1 (standard)	I
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Passive Pt100

Without passive Pt100	X
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Output parameters

Humidity (0...100 %rh) & Temperature	B			X	X
Humidity only (0...100 %rh)	H	X	X	X	X
Temperature only	T			X	X
Temperature & Dew/Frost point, active signal	A				
Humidity (0...100 %rh) & Dew/Frost point, active signal	1	X	X		

Output scaling of temperature

No Temperature	X	X
0...+50°C	1	X
0...+100 °C	A	3
0...+150 °C	D	6
0...+200°C	D	7
+10...+40°C	2	X
-30...+70°C	4	X
-40...+60°C	3	X
-40...+85°C	5	X
0...+100°F	6	X
0...+200°F	7	X
0...+300°F	8	X
-50...+200°F	9	X

Scaling calculated parameters

No calculation	X	X
0...+20	1	X
0...+25	2	X
0...+50	3	X
0...+100	4	X
0...+200	5	X
-50...+50	B	X