

JUMO hydroTRANS H50

Order details

(1) Basic type	
907055	JUMO hydroTRANS H50
(2) Basic type extension	
10	High temperature up to 180 °C
20	Medium pressures up to 20 bar and 180 °C
30	High pressure up to 300 bar and 180 °C
40	High humidity with extra T-probe up to 20 bar and 180 °C
(3) Housing	
0	Polycarbonat
2	Stainless steel
(4) Type of filter	
4	Stainless steel-sinter
5	PTFE
8	PTFE membrane, stainless steel body
9	Stainless steel mesh, stainless steel body (180 °C)
(5) Probe cable length	
2	2 m
5	5 m
10	10 m
(6) Probe length	
200	200 mm
400	400 mm
65	65 mm
80	80 mm
(7) Process connection	
0	Without
20	G 1/2" ISO - cut-in fitting, Ø12 mm
22	1/2" NPT - cut-in fitting, Ø12 mm
23	G 1/2" ISO - sliding fitting, Ø13 mm
25	1/2" NPT - sliding fitting, Ø13 mm
(8) Electrical connection	
0	Standard
4	1x plug for power supply and outputs
6	2x plugs for power supply + outputs and RS485
(9) Interface	
0	Without digital interface
3	RS485 with Modbus RTU
4	Ethernet-PoE with Modbus TCP
(10) Display	
0	Without display
2	3.5" TFT display with integrated data logger
(11) Probe connection	
0	Fixed
7	Intelligent pluggable probe (plug-and-play)
(12) Additional module	
0	Without
1	ARC module for external trigger of sensor heating
2	Alarm outputs
3	Integrated power supply 100..240 V AC 50/60 Hz
(13) Output signal	
1	0..1 V
2	0..5 V
3	0..10 V
5	0..20 mA
6	4..20 mA

(14) Output 1	
0	Relative humidity RH (0..100 %)
50	Water vapour partial pressure e (0..1100 mbar)
52	Dew point temperature Td (-80..+100 °C)
54	Wet bulb temperature Tw (-5..+100 °C)
56	Absolute humidity dv (0..700 g/m3)
60	Mixing ratio r (0..800 g/kg)
62	Specific enthalpy h (0..2800 kJ/kg)
(15) Output 2	
0	Temperature T (-70..+180 °C)
01	Temperature T (-60..+140 °C)
02	Temperature T (-20..+180 °C)
50	Water vapour partial pressure e (0..1100 mbar)
52	Dew point temperature Td (-80..+100 °C)
54	Wet bulb temperature Tw (-5..+100 °C)
56	Absolute humidity dv (0..700 g/m3)
60	Mixing ratio r (0..800 g/kg)
62	Specific enthalpy h (0..2800 kJ/kg)

Order code

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Accessories

Description	Part no.
USB cable (USB-C to USB-A) (HA010327)	30067139
Stainl.st. mounting flange 12mm HA010201 E+E Elektronik	00371193
Stainl. st. flange 6mm T probe HA010207 E+E Elektronik	00662045
Stainl st wall mount clip 12mm HA010225	00763785
Press. feedthr. G1/2" ISO 12mm HA011102 E+E Elektronik 907023	00529328
Druckdichte Durchführung 1/2"NPT HA0111 E+E Elektronik 907023	00529334
Press. feedthr. G1/2" ISO 6mm HA011104 E+E Elektronik 907023	00675492
Feedthrough 20bar 1/2"NPT 6mm (HA011105)	30067154
Conduit Adap M16x1,5 zu NPT1/2" HA011101	30067158
Tropfwasserschutz "HA010503"	00566286
Strahlungsschutz "HA010502" (907021/40.. E+E Elektronik	00573116
Strahlungsschutz HA010506 E+E Elektronik	00628684
Mounting set for mast 34-54mm (HA010230)	30067162
Hutschienen Montageflansch HA010203 E+E Elektronik	00448810
Wall Mounting Clip Ø12 mm (HA010211)	30067169
Immersion well Ø6x135 mm 1/2" ISO	00786573
Immersion well Ø6x135 mm (HA400212)	30067165
RS485 Kit for Retrofit (HA010605)	30067193