

Professional Line	THP [pro]
ID No.:	00.08095.100000
Measuring range air temperature:	-40 ... + 70 ° C
Measuring range rel. Humidity:	0 ... 100% RH
Measuring range air pressure:	500 ... 1100 hPa
Accuracy air temperature:	± 0.1 K (0... 60 ° C) · ± 0.2 K (-40... 0 ° C)
Accuracy rel. Humidity:	typ. ± 1.5% (0 ... 80%) r. F. · ± 2% (> 80%) r. F. · Response time rel. Humidity (at v = 1.5 m / s): 30 s
Accuracy air pressure:	± 2 hPa (-30 ... + 70 ° C) · ± 1 hPa (-10 ... + 60 ° C) · ± 0.5 hPa at 25 ° C
Resolution air temperature:	0.1 ° C
Resolution rel. Humidity:	0.1% RH
Resolution air pressure:	0.1 hPa
Protocols:	NMEA 0183 (default) WIMHU WIMMB WIMTA Modbus RTU
Interface:	Serial RS 422 / Talker · Baud rate 4800 · 1 Hz · 8 N 1 · SDI-12 *)
Supply voltage:	4.8 ... 33 VDC
Power consumption:	Without terminating resistor: 4 mA at 24 VDC · 6 mA at 12 VDC · 11 mA at 4.8 VDC
Dimensions:	H 140 mm x Ø 20 mm
Casing:	Specially coated aluminum · M12 connector plug (4-pin)
Protection class:	IP 65 (housing)
Weight:	approx. 80 g
Standards and norms:	NMEA 0183 · WIMHU · WIMMB · WIMTA
Options (order separately):	*) Service: 97.08095.000010 · Pre-configuration of the standard THP [pro] on SDI-12 cable: 32.05005.001500 · 5 pol. M12, 15 m
Accessories (order separately):	00.08141.600000 Sensor shelter with natural ventilation 00.08141.600004 Sensor shelter with artificial ventilation 32.14567.060010 Sensor cable, 15 m, 4-pin, M12 connector 32.14567.060000 Sensor cable, 12 m, 4-pin, M12 -Plug