

2480DP COMPRESSED AIR DEW POINT PROBE

Dew Point measuring (DP) of the water vapor present in the compressed air. Direct insertion probe in pressured tap. Connection by threaded or quick coupling that allows any position installation and removal /replacement of the probe without downtime. One stainless steel sintered filter and small air flow control valve. Stainless steel 304 measuring chamber.

Suitable for dew point measurement into compressed air up to class 3, standard ISO8573-1.

Versions:

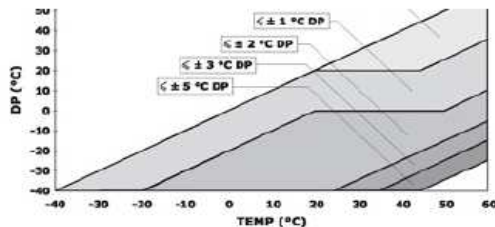
- 2480DPP** Interchangeable probe. Any connection to the portable TRH2301 and TRH2101 instruments.
- 2480DPF** Probe connection directly to the TTU48 instrument.
- 2480DPI** Interchangeable probe. Connection to TU2717 and TU2817 series of transmitters.



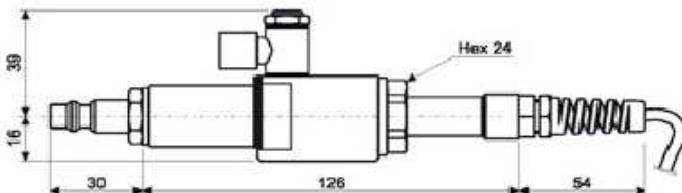
TECHNICAL SPECIFICATIONS

Humidity sensor:	capacitive
Range:	0...100%RH
Accuracy T=15...35°C:	+/- 1.5%RH (0...90%RH), +/-2%RH (remaining range)
Accuracy T=-40...60°C:	+/- (1.5...1.5% measure)%RH
Long term stability:	<1%RH/year
Temperature sensor:	Pt100
Range:	-40...+60°C
Accuracy:	+/- 0.25°C
Dew Point sensor:	Parameter calculated from the measurement of temperature and relative humidity
Range:	-40...+60 DP
Accuracy T=20°C:	+/- 2°C DP (-40...-20°C DP) +/- 1.5°C DP (-20...0°C DP) +/- 1°C DP (0...+20°C DP) +/- 0.5°C DP (+20...+60°C DP)

Accuracy T -40...+60°C:



Air flow regulation:	0.2...3 l/min
Cable length:	2 mt.
Sintered filter:	15 μ AISI 316 steel
Measuring chamber:	S.S. 304
Working temperature:	probe = -40...+80°C
Max Working Pressure :	16 bar
Protection:	IP65
Connections:	standard 1/4" with/without quick coupling



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