

FIXED DEW POINT TRANSMITTER

DEW POINT TRANSMITTER FOR PROCESS APPLICATION



DPTX 60

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The compact Dew Point Transmitter (DPTX 60) with a measuring range +30° to -60°C (-76°F) and outstanding price / performance ratio is dedicated for applications in compressed air systems, plastic dryers and industrial drying processes.

An integrated auto-calibration procedure leads to accuracy of ± 3 °C (± 5.4 °F). The measured values for dew point and moisture (in PPM) are available on an analog 4-20 mA and a digital Modbus RTU output.

Integration into the measurement task is simplified by the compact design and the exceptionally robust stainless steel enclosure.

SPECIAL FEATURES

- 3 wire design
- Measurement range +30°C ~ -60°C
- Auto calibration Measurement accuracy ± 3 °C (± 5.4 °F)
- Modbus RTU and 4-20 mA output
- Sturdy and compact stainless steel housing
- Display Unit (optional)
- Process Adapter (optional)



Display Unit

SPECIFICATIONS

Type	:	Dew Point Transmitter
Model no.	:	DPTX 60
Range	:	+30 ~ -60°C (also available in °F)
Sensor	:	Thin Film Capacitance
Accuracy	:	±3 °C (±5.4 °F)
Termination	:	3 wire
Power Supply	:	24 VDC
Range Resolution	:	0.6 uA
Output	:	4-20 mA, MODBUS
Response Time	:	Wet to Dry: (23000 to 100 PPM): <40 sec Dry to Wet: (100 to 23000 PPM): <10 sec
Sample flow Rate Required	:	5 lpm
Max pressure with standing capacity	:	10 kg/cm ²
Housing / Case	:	SS 316
End connections (Transmitter)	:	M-20
Weight	:	750 gm
Dimensions	:	Ø47 X 156 mm
Alarm (optional)	:	Audio / Visual
Display Unit (optional)	:	Plastic Housing, Power - 230 VAC
Process Adapter (optional) end connections	:	3/8" M- threading

Note : Images shown are indicative only. Specifications and Features will vary with application. There may be changes overtime due to continuous development process.
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ENDEE ENGINEERS PVT. LTD.

Office & Works : D/122, Ansa Industrial Estate, Saki-Vihar Road, Saki-Naka, Andheri (E),
Mumbai - 400 072, Maharashtra, India. | Tel.: +91-22-4295 2180 / 81
Email : sales@endee-engineers.com
Website : www.endee-engineers.com