

DEW POINT, MOISTURE & HUMIDITY TRANSMITTER



DPXT 98

DESCRIPTION

DPXT-60 Series is a 2 wire, field transmitter designed for rugged industrial environment. They employ advanced digital technology to provide reliable and highly accurate measurement.

The well proven capacitive sensor offers exceptional resistance to contaminants like organic vapours.

Its linearised 4-20mA DC can interface directly with any receiving instrument.

SPECIAL FEATURES

- Micro Controller Based
- Can measure Dew Point, Moisture, Vapour Pressure, Humidity and Temperature
- Available in both explosion proof (certified by CMRI) or weather proof housing (EN60529)
- 4-20mA DC, output as standard
- Rs232 / 485 interface with date and time stamp (optional)
- Reverse Polarity protected
- Single Point Calibration
- 8*1 alphanumeric LCD Display (Optional)
- Output load 600-ohms at 24VDC power supply

SPECIFICATIONS

Range	: Dew Point -60 to +30 (other ranges optional)
	Moisture : 0 - 100PPM
	Humidity : 0 - 100%
Sensor	: Thin Film Capacitance
Response Time	: 10 Seconds
Zero drift	: 0.2% FS
Accuracy	: ±2% FS
Operating Voltage	: 22-30 Volt DC
Operating Temperature	: 0 - 120 C
Terminations	: PCB mounted terminal blocks to accept 1.5mm wires
Display	: Inbuilt 0.5" LCD
Output Analog	: 4-20 mA Linear 2 wire
Power Consumption	: 2 wire : 0.5 W max
Max. Load	: 600 Ohms at 24 VDC Power Supply
Mounting (Ex-Proof)	: 2 Holes 8 mm at 140/133 mm
(Weather Proof)	4 Holes 6mm at 860 mm Rectangle

ORDERING INFORMATION

S60P

Parameter	0	Dewpoint
	1	Moisture PPM
	2	Humidity
Enclosure	0	Weather Proof
	1	Explosion Proof
Output	0	Standard (4-20madc)
	1	RS232 / RS485
	2	4-20madc + RS232/RS-485
Display	0	Without
	1	LCD

The Unit also can be supplied as Stand Alone Indicator powered by 110V/220V AC

Note : Specifications and Features will vary with application. The above are established and validated during design, but are not to be construed as test criteria for every product. Due to endee's commitment to research, design and product improvement, specifications are subject to change without notice.