

225-RHPX Humidity/Temperature Transmitter

The **225-RHPX Humidity and Temperature Transmitter** offers high accuracy, long-term stability, and reliable operation. The default output is 4-20 mA which is compatible with many systems. Additionally, the outputs are field-selectable (4-20 mA, 0-5 Vdc or 0-10 Vdc), making it easy to integrate into various monitoring applications. The transmitter includes a solar radiation shield and is protected by a UV-rated outdoor enclosure.

Features

- Reduced installation costs with multiple on-board sensors
- Minimal maintenance with UV rated outdoor enclosure
- Easy installation with removable terminal block, attached lid, and cable management
- 4-20 mA (standard) or voltage output options



Approvals

- BTL, CE

Specifications

225-RHPX Transmitter

MODEL 225-RHPX-2LHA0-00

Sensor Type	RH: Capacitive Polymer, Temperature: Solid State Diode
Probe Style	HDPE filter
Humidity Measurement Range	0 to 100% RH
Relative Humidity Accuracy	±2% (10 to 90% RH) @ 25 °C
Temperature Measurement Range	-40 °C to 60 °C (-40 °F to 140 °F).
Temperature Sensor Accuracy, Solid State	±0.9°F @ 77°F (±0.5°C @ 25°C)
Electrical Connection	Removable Screw Terminal Block
Current Output Range	4 to 20 mA
Voltage Output Range	0 to 5 Vdc, 0 to 10 Vdc
Supply Voltage	4-20 mA: 10 to 35 Vdc; Vout: 15 to 35 Vdc or 15 to 29 Vac
Enclosure Ratings	IP66
Materials	UL 94 V-0
Mounting Orientation	Pole Mount or Wall Mount
Process Connection Size	1/2" NPS Thread, Cable gland included
Compliance	BLT, CE
Weight	1.25 Kg (2.75 lbs)

Ordering Information

225-RHPX-2LHA0-00 Humidity/Temperature Transmitter 4-20 mA output
330-0524 Cable, 5 conductor, 24 AWG, shielded, per foot