

High-Temperature Relative Humidity/Temperature Transmitters

HX15A Series
Starts at
\$495



- ✓ -40 to 180°C (-40 to 356°F)
Operating Range
- ✓ Remote SS Probe (Included)
- ✓ 4 to 20 mA or
0 to 1 Vdc Output
- ✓ 64 mm (2.5")
Long Wall
Mounted Probe
- ✓ 216 mm (8.5") Long Duct
Mounted Probe
- ✓ 2.5% RH, 0.6°C Accuracy



HX15AC-W, \$495,
shown smaller than
actual size



The HX15A Series remote transmitters measure relative humidity and temperature over a large temperature range (-40 to 180°C). The HX15A-W 64 mm (2.5") stainless steel probe is used for wall mounting. The HX15A-D 216 mm (8.5") stainless steel duct probe has a removable flange. The probe, up to 2 m (96"), is connected to the housing with a 1 m (40") PFA cable. A longer length cable is available on special order. Probes are not field replaceable.

Preliminary Specifications

Relative Humidity: ±2.5% RH from 20 to 80% RH; ±3.1% RH below 20 and above 80% RH@ 25°C with temp coefficient of -0.06 RH/°F
Temperature: ±0.6°C (1°F), 40 to 180°C (-40 to 356°F)
Time Constant: 4 s, 60% response, 1 m/s moving air
Sensors:

RH: thin polymer capacitor
Temp: 100 Ω platinum RTD

Power: 7 to 30 Vdc
Output: 4 to 20 mA @ 30 mA max or 0 to 1 Vdc scaled for 0 to 100% RH

Operating Range: Electronics ABS enclosure NEMA 4X (IP66), -20 to 70°C (-4 to 158°F).

Probes: -40 to 180°C (-40 to 356°F)

DIMENSIONS

Electronics: 79.8 x 81.8 x 54.9 mm (3.14" x 3.22" x 2.16"); PFA cable, metal wall mounting clip

Wall Probe: 64 x 16 mm (2.5 x 0.625" D)

Duct Probe: 216 x 16 mm (8.5 x 0.625" D), 1 m (40") PFA cable; removable and adjustable duct flange

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)		
Model No.	Price	Description
HX15AC-W	\$495	Wall mount RH/temp current transmitter [64 mm (2.5") probe]
HX15AV-W	495	Wall mount RH/temp voltage transmitter [64 mm (2.5") probe]
HX15AC-D	545	Duct mount RH/temp current transmitter [216 mm (8.5") probe]
HX15AV-D	545	Duct mount RH/temp voltage transmitter [216 mm (8.5") probe]
TX4-100	28.50	4-wire shielded output cable
PSR-24S	60	Regulated power supply, US plug, 90 to 264 Vac input, 24 Vdc output, 400 mA, screw terminals, UL
PSR-24L	60	Regulated power supply, US plug, 90 to 264 Vac input, 24 Vdc output, 400 mA, stripped leads, UL
PSR-24L-230	60	Regulated power supply, European plug, 230 Vac input, 24 Vdc output, 400 mA, stripped leads, CE
PSU-93	40	Unregulated power supply, 16 to 23 Vdc, 300 mA max
CAL-3-HU	125	NIST-traceable calibration

Comes with complete operator's manual.

Ordering Examples: HX15AC-W, wall mount RH/temp current transmitter 4 to 20 mA outputs, \$495. HX15AC-D, duct mount RH/Temp current transmitter, 216 mm (8.5") probe, with CAL-3-HU, NIST-traceable calibration, \$545 + 125 = \$670.



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• Flow and Level

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• pH and Conductivity

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• Heaters

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