

HAZARDOUS LOCATIONS

VAISALA INTRINSICALLY SAFE WALL AND DUCT TRANSMITTERS HMT360 SERIES



VAISALA



NEW!



HMT360

DESCRIPTION

The Vaisala HMT360 Series Intrinsically Safe Wall and Duct transmitters provides an accurate 4-20 mA output of Relative Humidity and Temperature. When coupled with a Model MTL7706+ Safety Barrier and appropriate cabling, the HMT360 Series is suitable for use in hazardous locations without use of explosion proof enclosure.

FEATURES

- Class I,II,III Division 1, Groups A, B, C, D, E, F, G; Division 2 Groups Groups A, B, C, D, F, G
- Two outputs (Relative Humidity and temperature)
- FM approved

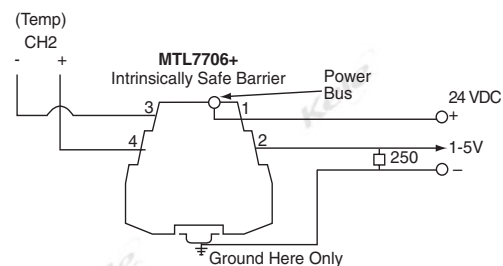
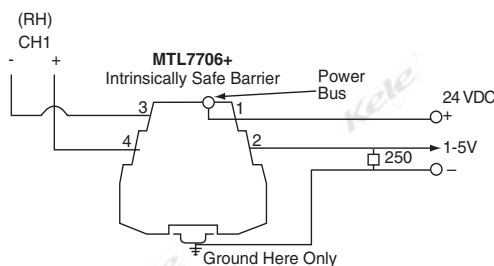
SPECIFICATIONS

Supply Voltage	12-28 VDC	Wiring terminations	terminals (14-22 AWG)
Configuration	(2) Two-wire loop powered	Dimensions	
Output	4-20 mA	Wall	9.5" H X 6.5" W X 2.5" D (24.2 x 16.4 x 6.2 cm)
Accuracy	±1.5% + 0.015 x reading	Duct (base)	4.5" H x 6.5" W x 2.5" D (11.5 x 16.4 x 6.2 cm)
Measurement Range		Probe (duct)	6.7" (17) long x 0.47" (1.2) diameter with 6.5' (2m) whip
RH	0 to 100%	Approvals	FM approved, CSA
Temperature		Weight	
Wall	-40° to 140°F (-40° to 60°C)	Wall	2.8 lb (1.25 Kg)
Duct	-40° to 176°F (-40° to 80°C)	Duct	3.1 lb (1.4 Kg)
Entity Parameters	Vmax: 28V; Imax: 100 mA; Ci: 1nF; Li: 0 mH	Warranty	2 year
Operating Temperature			
Transmitter	-40° to 140°F (-40° to 60°C)		
Duct Probe	-40° to 240°F (-40° to 120°C)		
Operating Humidity	0% to 100% non-condensing		

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WIRING



ORDERING INFORMATION

MODEL
HMT3601WALL
HMT3604DUCT

DESCRIPTION
Intrinsically Safe Wall Humidity and Temperature transmitter
Intrinsically Safe Duct Humidity and Temperature transmitter

MTL7706+
DCPA-1.2
DCP-1.5-W

RELATED PRODUCTS
Intrinsic safety barrier, 4-20 mA two-wire transmitters
Power supply, 120 VAC In to 24 VAC/24 VDC Out
Power supply, 24 VAC IN to 24 VDC OUT