The Series HHT Hazardous Area Humidity/Temperature Transmitter takes accurate measurements in the harshest of environments. The explosion-proof model is offered with 4 to 20 mA output for humidity only. The intrinsically safe version is offered with 4 to 20 mA output for humidity and temperature, and do require an intrinsically safe barrier to meet hazardous area approvals. It is important to develop a routine schedule for replacing the RH/temperature sensor (part number A-451). The sensor should be replaced annually or sooner depending on application conditions.

FEATURES/BENEFITS

- FM approved explosion-proof and intrinsically safe models
- Integral LCD option
- Replaceable calibrated sensor for long term use in harsh environments
- Universal outputs to work with any building management system
- Single-beam dual-wavelength sensor automatically corrects for aging effects
- Compact design

APPLICATIONS

- Offshore HVAC monitoring
- Dual temperature and relative humidity output models
- Replaceable calibrated sensor for long term use in harsh environments
- Integral LCD option
- FM approved explosion-proof and intrinsically safe models

ACCESSORIES

- Replacement lid with filter material
- Replacement sintered filter (Includes bracket and two 2” U-bolts)
- Loop powered galvanic isolator (Mounting bracket for pipe or surface mounting)
- Solid state band gap
- Gray finish tested to withstand 168 hour salt spray test
- Single-beam dual-wavelength sensor automatically corrects for aging effects
- Measures unfilttered light intensity directly and eliminates error from incorrect assumptions of gas concentration in theoretical logic assumption methods
- Universal outputs to work with any building management system

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