

# BULLETIN 564K

## INSTALLATION & OPERATION

### DuraVibe™ Model PZP Vibratory Point Level Sensor

#### ATEX and IECEx SUPPLEMENTAL INSTRUCTIONS

##### Standard-Temp & Remote Electronics:

ATEX:  $\text{Ex}$  II 2D Ex tb [ia Da] IIIC T75°C Db

IECEX: Ex tb [ia Da] IIIC T75°C Db

##### Remote Probe:

ATEX:  $\text{Ex}$  II 1D Ex ia IIIC T90°C Da

IECEX: Ex ia IIIC T90°C Da

These instructions (I & O) apply to the Model PZP, covered by SIRA (0518) Certificate #17ATEX2296X & CSA Certificate #IECEX CSA 17.0023X, and are supplemental to I & O instructions of Bulletin 564A. The instructions in Bulletin 564A should be followed except that the following “Specific Conditions of Use” must be applied as exceptions to comply with the applicable ATEX and IECEx requirements.

Applied Standards: IEC 60079-0, IEC 60070-11, IEC 60079-31

## SPECIFIC CONDITIONS OF USE:

### MECHANICALS

Lithium grease shall be applied for installation of conduits and plugs of unused conduit entries to maintain the IP66 rating.  
Maximum cable length for Model PZP with remote probe installation to be limited to 50 feet (15.24m). In instances of remote cable extension probes or pipe extension probes, the combined total of the length of the extension plus the length of interconnect cable between the remote electronics and remote probe must not exceed 50-ft (15.24m).

### SPECIFICATIONS

The ambient temperature range is -30°C to +65°C  
Process Temp: 80°C max. for standard temp models, Max. Surface Temp: 75°C  
Process Temp: 150°C max. for Remote Probe, Max. Surface Temp: 90°C

| Component   | EPL | Protection Method | Can be used in Zone |
|-------------|-----|-------------------|---------------------|
| Probe       | Da  | ia                | 20, 21 or 22        |
| Electronics | Db  | tb                | 21 or 22            |

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