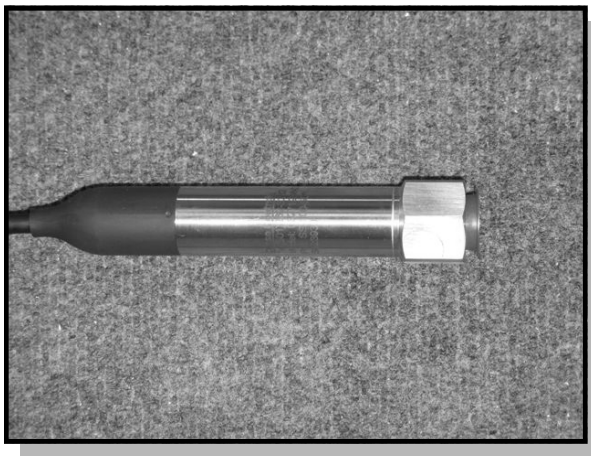


P.O. Box 1679
Hot Springs, AR 71901
PHONE: 501.262.3282
FAX: 501.262.4847

Water & Wastewater Level/Pressure Transducer

CC 03271988-03042005 Series



- Optional 0.1% & 0.25% accuracy
- Ranges 10"-50"WC, 5-150 PSI
- All welded 316L SS
- Optional Titanium Construction
- Molded polyurethane cable
- 4-20 mA, 2-wire
- FM(C) Class I, II, III, Div. 1, Groups A-G

The CC 03271988-03042005 Series submersible level/pressure transducers are specifically designed for use in water, wastewater, and industrial applications. The ceramic sensing element provides a rugged flush open face design which avoids clogging or sludge build up from materials often encountered in wastewater. The stainless steel construction will satisfy most applications. Where chemical environments dictate, an option of Titanium is available. The standard polyurethane vented cable is molded to the transducer providing the highest integrity waterproof assembly well proven in thousands of installations worldwide. The cable contains a Kevlar Strain Relief to preclude cable elongation. Teflon FEP cable is available as an alternate for harsh environments. The interior of the transducer is completely potted with polyurethane. Each transducer is furnished with a 1/2 inch MNPT connection and an adapter for a 1/4 inch MNPT connection.

STANDARD SPECIFICATIONS

- **Sensor**
Rugged flush face design, ceramic sensing element
- **Full Scale Ranges (Zero Based)**
0-10, 20, 30, 50"WC
0-5, 10, 15, 30, 50, 60, 75, 100, 150 psi
Other ranges and pressure units can be specified

- **Accuracy**
±0.1% FS (BSL) or ±0.25% FS (BSL)
Combined non-linearity, hysteresis & repeatability

- **Overpressure**
For full scale ranges up to 20 psi - 10X
Above 20 to 150 psi-4X

- **Operating Temperature Range**
-10° to +175° F (-20° to +80° C)

- **Compensated Temperature Range**
30° to 85° F (-2° to +30° C)

- **Temperature Effects (Compensated)**
High accuracy (±0.1)
±0.3% Temperature error band for ranges 5 psi and above
±1.0% Temperature error band for ranges below 5 psi

Standard accuracy (±0.25%)
±1.5% Temperature error band for ranges 5 psi and above
±2.0% Temperature error band for ranges below 5 psi

- **Electrical**
2-wire, 4-20 mA, 10-35 Vdc power

- **Intrinsically Safe Approval**
Available with FM Intrinsically Safe Certification for use in Class I, II, and III, Division 1, Groups A,B,C,D,E,F,&G hazardous locations.
Note: FMC approval is included for Canadian requirements.

- **Cable**
Molded Polyurethane vented cable with Kevlar Strain Relief
Molded Teflon FEP cable is optional

- **Housing**
316L Stainless Steel or Titanium
Note: 5-year corrosion warranty included for Titanium housing.

- **Weight**
7.6 oz. (excluding cable)

CC adopts a continuous development program which sometimes necessitates specification changes without notice.



Chase Controls Corp.
141 Technic Circle
Hot Springs, AR U.S.A
Tel: 501-262-3282
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ORDERING INFORMATION

CHASE CONTROLS Series Level/Pressure Transmitter

When ordering please specify the following:

MODEL - Construction

Model	
CC	
Housing Material	
SS	316 Stainless Steel
TT	Titanium - 5 year corrosion warranty
PSI/WC Range	
	0-5, 0-15 ect.
Cable length	
	Feet
Cable Type	
P	Polyurethane
F	Teflon FEP

(CC) (SS) (0100PSI) (50') (P)

OPTIONS

1/2" FNPT Conduit Style CableConnection with 1/4" MNPT Adapter included

CC offers a range of accessories and variants for depth and

