FEATURES
- Response Time From 1 Second
- One Switch for Either Flow or Temperature Applications
- No Moving Parts
- 316L Stainless Steel Wetted Parts
- Explosion Proof Enclosure (IX only)
- Pressure to 4000 psig / 275 bar Standard

OPTIONS:
- Pressure to 10,000 psig / 690 bar (IX only)
- Remote Mounting (IX only)
- Flange Mounting (IX only)

SPECIFICATIONS

Sensor
- Materials of Construction: 316L Stainless Steel Wetted Parts Standard
- Response Time: No Flow to Flow: From 1 Second; Flow to No Flow: From 2 Seconds; Level: ± 1/8”; Temperature from 1 Second
- Operating Temperature: -50 to 350°F / -46 to 177°C Standard
- Operating Pressure: Full Vacuum to 4000 psig / 276 bar Standard (IX) Full Vacuum to 2000 psig / 138 bar Standard (IM) Options to 10,000 psig / 690 bar optional (IX only)
- Repeatability: Flow: 0.5% of maximum flow rating at Constant Conditions Standard Temperature: ± 1°C
- Process Connection: 3/4” FNPT Standard Options: 1/2” FNPT, Range Tubes, Flanges

Electronics
- Housing (IX only): Powder Coated Aluminum Standard Optional: Dual Compartment Aluminum; Dual Compartment 316L SS
- Operating Temperature: -50 to 140°F/-46 to 60°C Ambient Option: Remote Mounting of Electronics Up to 2000 ft. / 609 meters
- Power Input: 90-132 VAC, 50/60 Hz, 5.5 watts max Options: 24 VDC, 24 VAC, 208-240 VAC
- Relay Output: DPDT 8 amps @ 250 VAC
- Conduit Entry: IX: 3/4” FNPT Standard
- Approvals (IX only): CL I, Div I, GP A,B,C,D; CL I, Div II, GP E,F,G; Div III, DIP, NEMA or Type 4X FM: T3A @ Ta = 60C CSA: T3C @ Ta = 60C (For A, A1 and S housing options) GOST Russia, GOST Kazakhstan: 1ExdIICT3
- Shipping Weight: 5 lbs Standard
ORDERING INFORMATION:
IX 316L Stainless Steel Body; Explosion Proof Housing
IM 316L Stainless Steel wetted parts, composite sensor enclosure; no electronics housing
IX, IM a / b / c / d / e / f / g / h :
/a Housing (IX only)
   A Single Compartment Aluminum Housing Standard
   A1W Single Compartment Aluminum Housing with glass window cover
   A Dual Compartment Aluminum Housing
   AW Dual Compartment Aluminum Housing with Glass Viewing Window
   S Dual Compartment 316L Stainless Steel Housing
   SW Dual Compartment 316L Stainless Steel Housing with Glass Viewing Window
   /X No housing Standard
   /A1 Single Compartment Aluminum Housing Optional
/b Material Type
   S6 316L Stainless Steel Standard
/c A) Process Connection – IM Series
   2525 1/4” x 1/4” O.D. tubing
   5050 1/2” FNPT
   1875 Range Tube #1, 1/4” FNPT x 3/4” FNPT with 1/8” range tube
   2575 Range Tube #2, 1/4” FNPT x 3/4” FNPT with 1/4” range tube
   XXXX Custom Inlet & Outlet 25 = 1/4”, 50 = 1/2”, 75 = 3/4”
A) Process Connection – IX Series Threaded
   7575 3/4” FNPT Standard
   5050 1/2” FNPT
   1875 Range Tube #1, 1/4” FNPT x 3/4” FNPT with 1/8” range tube
   2575 Range Tube #2, 1/4” FNPT x 3/4” FNPT with 1/4” range tube
   XXXX Custom Inlet & Outlet 25 = 1/4”, 50 = 1/2”, 75 = 3/4”
B) Process Connection – IX Series Flanged
   /AABC AA 10 1” Flange
   B 1 150#
   2 300#
   3 600#
   4 900#
   5 1500# B 1 Raised Face, 316L SS
   2 Raised Face, Carbon Steel
   3 Flat Face, 316L SS
   4 Flat Face, Carbon Steel
   6 Special
/d Insertion Length
   25 2.5” Standard (all IX units except 1875 & 2575 connection)
   325 3.25” (for IX units with 1875 & 2575 connection)
   50 5.0” Standard (IM units only)
/e Power Input
   1 90-132 VAC Standard
   2 24 VDC or VAC (22.8 - 28.8 VDC; 20 VAC - 25 VAC)
   3 200-240 VAC
/f Process Temperature
   H0 -50 to 350°F / -46 to 177°C Standard
/g Approvals (IX only)
   X Not FM or CSA Approved
   FMX Factory Mutual Research Corp. (FMRC) Explosion Proof Standard
   CSX CSA Canadian Standard Association Explosion Proof
   GR GOST Russia
   GK GOST Kazakhstan
/h Options (leave blank if no options required)
   DS Dual Switch Point Electronics with Millivolt Output
   RJxxxx Remote Electronics with PVC Cable (200°F / 93.3°C) Specify cable length “xxxx” ft. (Max. Length 2000 ft. / 609 m)
   RFxxxx Remote Electronics with Teflon Cable (350°F / 177°C) Specify cable length “xxxx” ft. (Max. Length 2000 ft. / 609 m)
   HP High Pressure Option 10,000 psig / 689 bar (IX Only)
   HS 5 Pin Hermetic Feed-through (not offered with Titanium)

CONVERSION CHART
To cc/sec

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INSTRUMENT RANGEABILITY
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