

Pressure Transmitters

Honeywell

DP Transmitters



Best Practice Specification:

Diaphragm: 316L SS or Hastelloy C
 Body / Flange: 316 Stainless Steel
 Process Connection: 1/4" NPT
 Software: NAMUR Failsafe and Saturation Limits
 Write Protect: Included (feature shipped "Disabled")
 Side Vents
 Bolts: 316 Stainless Steel (NACE - Not Required)
 Fill Fluid: Silicone
 Rating: Class 1, Division 1, Groups A, B, C, D Explosion Proof
 Maximum Working Pressure: 4500 PSI
 Maximum Temperature: 230 Deg F

HART Protocol - Fail High or Fail Low

Part Strategy	Min Range	Max Range	Units	Diaphragm Material	Notes	Primary Mfr Part No
Preferred	10	400	IN H2O	316L SS	D	STD924-E1A-00000-1C,H6,NE,SS,SV,WX
Preferred	5	100	PSIG	316L SS	D	STD930-E1A-00000-1C,H6,NE,SS,SV,WX
Preferred	100	3000	PSIG	316L SS	D	STD974-E1A-00000-1C,H6,NE,SS,SV,WX
Preferred	10	400	IN H2O	Hast C	D, E	STD924-F1A-00000-1C,H6,NE,SS,SV,WX
Preferred	5	100	PSIG	Hast C	D, E	STD930-F1A-00000-1C,H6,NE,SS,SV,WX
Preferred	100	3000	PSIG	Hast C	D, E	STD974-F1A-00000-1C,H6,NE,SS,SV,WX
App. Specific	0.4	10	IN H2O	316L SS	A, B, C, D	STD110-E1A-00000-1C,H6,NE,SS,SV,WX
App. Specific	1	400	IN H2O	316L SS	A, D	STD120-E1A-00000-1C,H6,NE,SS,SV,WX
App. Specific	5	100	PSIG	316L SS	A, D	STD130-E1A-00000-1C,H6,NE,SS,SV,WX
App. Specific	1	400	IN H2O	Hast C	A, D, E	STD120-F1A-00000-1C,H6,NE,SS,SV,WX
App. Specific	5	100	PSIG	Hast C	A, D, E	STD130-F1A-00000-1C,H6,NE,SS,SV,WX

Notes:

- Note A: Use the equivalent S900 series transmitter if possible.
- Note B: Use the equivalent STD120 series transmitter if possible.
- Note C: Maximum Working Pressure: 50 PSI; Max Temp: 150 Deg F
- Note D: Fail Direction: Fail High is factory default. Cut jumper wire on electronics board to Fail Low.
- Note E: Diaphragm Material: Use 316L SS if possible
- See www.A3IM.com for additional information, software tools, and product specifications.
- See Page 50 for Best Practice Specifications & Application Notes.