

HAZARDOUS LOCATION QUICK REFERENCE GUIDE

DIFFERENTIAL PRESSURE SWITCH(S) or TRANSMITTER



The Mid-West Instrument experience: Proven Product for you.

- Over 30 Years of proven design in the field for use in Hazardous locations
- CSA, UL, IECEx Certifications
- RoHS Compliant
- Certifications apply to the entire assy. as mandated by Hazardous Location Stds.
- 3-4 Unannounced inspections by CSA and UL per year
- Yearly ATEX audits
- See individual models for complete specifications



Location Ratings	EXPLOSION PROOF ENCLOSURES					GENERAL PURPOSE ENCLOSURES				
	Class 1, Division 1, Groups C & D Class 2, Division 1, Groups E, F & G			Ex d IIB + H2 IP65, Ex tb IIIC IP 65 Class 1, Division 1, Groups B, C, & D Class 2, Division 1, Groups E, F & G		Class 1, Division 2, Groups A, B, C,D; Class 2, Division 2, Groups F & G				
MODEL	120	130	140	220	240	120	121	140/142	220	240
MINIMUM DP RANGE - PSID	5	5" H2O	25	5	20" H2O	5	5	20" H2O	5	20" H2O
MAXIMUM DP RANGE - PSID	110	400" H2O	100	100	100	110	110	100	100	100
MAX WORKING PRESSURE. - PSIG (Material Dependent)	5000	500	3000	Up to 4000	1500	5000	5000	1500	Up to 4000	1500
ACCURACY (% F.S.) *	2	2 or 5	2	2	2	2	2	2	2	2
CONFIGURATIONS										
ATEX CERTIFIED				X	X				X	X
CSA CERTIFIED (US & CSA)	X	X	X	X	X	X	X	X	X	X
UL LISTED	X	X	X	X	X				x	x
COLOR CODED FLYING LEADS	X	X	X			X				
TERMINAL STRIP INTERFACE				X	X		X	X	X	X
NEMA 4X	OPT	OPT	OPT			X	X	X	X	X
IP65				X	X				X	X
1/2" CONDUIT / CABLE	X	X	X	X	X	X	X	X	X	X
ELECTRICAL OUTPUTS										
SWITCH OUTPUTW: SPST, SPDT 3W - 60W	x	x	x	x	x	X	X	X	X	X
RELAY OUTPUT 10 A				x	x				x	X
4-20 ma OUTPUT				X**	X**		X	X		

*=2% ASME B40.100 Grade B / 5% Grade D

**= ATEX Only