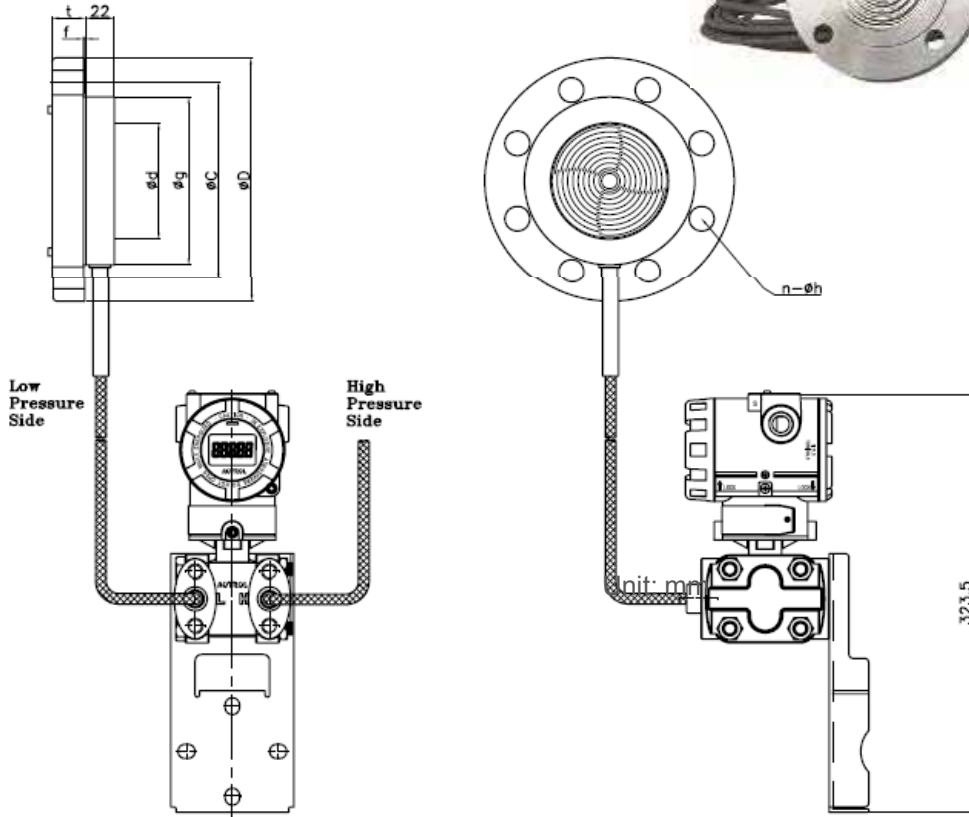


SMART PRESSURE TRANSMITTER

APT3100L FC

Flush Diaphragm Seal and Capillary Type Transmitter



Flange Size: 80mm (3 inch)

Flange Rating	Mb	D	b	d2	k	f	d4	x
ANSI Class150	89	190	24	20	152.5	2	127	4
ANSI Class300		210	29	22	168.5		127	8
JIS 10K	89	185	18	19	150	2	126	8
JIS 20K		200	22	23	160		132	
DIN PN 10/16	89	200	20	18	160	2	138	8
DIN PN 25/40			24					

Flange Size: 50mm (2 inch)

Flange Rating	Mb	D	b	d2	k	f	d4	x
ANSI Class150	59	150	20	20	120.5	2	92	4
ANSI Class300		165	22.5		127			8
JIS 10K	59	155	16	19	120	2	96	4
JIS 20K			18					8
DIN PN 10/16	59	165	20	18	125	2	102	4
DIN PN 25/40								

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SMART PRESSURE TRANSMITTER

Ordering Information

MODEL NO.	Code	Description	
APT3100	LFC	Flush Diaphragm Seal and Capillary Type Transmitter (Two Remote Seal)	
Ranges	4	0-194 to 0-3800mmH2O (0-1.9 to 0-37.3 KPa)	
	5	0-960 to 0-19000mmH2O (0-9.4 to 0-186.5 KPa)	
	6	0-3518 to 0-70000mmH2O (0-34.5 to 0-690 KPa)	
	X	Special	
Mounting Flange Size/Material	S2	2-inch (50mm)	SST
	S3	3-inch (80mm)	SST
	XX	Special	
Mounting Flange Rating	A1	ANSI Class 150	
	A2	ANSI Class 300	
	J1	JIS 10K	
	J2	JIS 20K	
	D1	DIN PN 10/16	
	D2	DIN PN 25/40	
	XX	Special	Special
Wetted Parts Material Diaphragm/Others		DIAPHRAGM	OTHERS
	S	316L SST	316L SST
	PT	PTFE + 316L SST	316L SST
	H	Hastelloy C-276	316L SST
	T	Tantalum	316L SST
	X	Special	Special
Fill Fluid		FILL FLUID	TEMPERATURE LIMITS
	2	D.C Silicone 200	-40 to 205 (-40 to 400)
	7	D.C Silicone 704	15 to 205 (60 to 400)
	X	Special	
Capillary Length (m)		Capillary length from 1 to 12 m (Example for 3m : 03)	
Materials of Construction		FLANGE	VENT/DRAIN VALVE
	SS	316 SST	316 SST
Electrical Connection		ELECTRICAL CONNECTION	MATERIAL
	1	1/2-14NPT	Epoxy Coated-Aluminum
	2	G1/2	Epoxy Coated-Aluminum
	X	Special	

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SMART PRESSURE TRANSMITTER

Hazardous Locations Certifications (Option)	K0	Maker Standard (Waterproof : IP67)
	K1	KOSHA Flameproof Approval: Ex d IIC T6.
	K2	KTL Intrinsic Safety Approval : Ex ia IIC
	E1	ATEX(KEMA) Flameproof
	*E2	ATEX(KEMA) Intrinsic Safety
	F1	FM/FMC Explosion proof (for USA & Canada)
	*F2	FM Intrinsic Safety
	M1	LCD Indicator
	LP	Lighting Protector (Internal Type)
	K	Oil Free Finish
	BA	Stainless Steel Bracket (Angle type) with SST Bolts
	BF	Stainless Steel Bracket (Flat type) with SST Bolts
	X	Special Order

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