

## SMART PRESSURE TRANSMITTER

### APT 3100 Configuration Sheet

Model	Code	Description					
APT3100	D	Differential Pressure Transmitter (Static Pressure 13.79 MPa / 2000psi)					
	G	Gauge Pressure Transmitter					
	H	Differential Pressure Transmitter for High Line Pressure (Static Pressure 31.02MPa / 4500psi)					
	A	Absolute Pressure Transmitter					
Ranges		DP/GP/HP				*AP	
		Calibrated Span Min. to Max	Lower Range Limit			Upper Range Limit	Range
			APT3100-D	APT3100-G	APT3100-H		APT3100-A
	2	0.075 ~ 1.5 Kpa (0.302~6.022 inH2O)	-1.5 Kpa (-6.022 in H2O)	-1.5 Kpa (-6.022 in H2O)	NA	1.5 Kpa (6.022 in H2O)	NA
	3	0.15 ~ 7.5 Kpa (0.6~30 inH2O)	-7.5 Kpa (-30 inH2O)	-7.5 Kpa (-30 inH2O)	-7.5 Kpa (-30 inH2O)	7.5 Kpa (30 inH2O)	NA
	4	0.373 ~ 37.3 KPa (1.5~150 in H2O)	-37.3 KPa (-150 inH2O)	-37.3 KPa (-150 inH2O)	-37.3 KPa (-150 inH2O)	37.3 KPa (150 inH2O)	NA
	5	1.865 ~ 186.5 KPa (7.5~750 inH2O)	-186.5 KPa (-750 inH2O)	-100KPa (-14.6 psi)	-186.5 KPa (-750 inH2O)	186.5 KPa (750 inH2O)	0~200 KPa
	6	6.9 ~ 690 KPa (1~100 psi)	-690 KPa (-100 psi)	-100KPa (-14.6 psi)	-690 KPa (-100 psi)	690 KPa (100 psi)	0~1000 KPa
	7	20.68 ~ 2068 KPa (3~300 psi)	-2068 KPa (-300 psi)	-100KPa (-14.6 psi)	-2068 KPa (-300 psi)	2068 KPa (300 psi)	0~2000 KPa
	8	68.95 ~ 6895 Kpa (10~1000 psi)	-6695 KPa (-1000 psi)	-100KPa (-14.6 psi)	NA	6895 Kpa (1000 psi)	NA
	9	206.8 ~ 20680KPa (30~3000 psi)	NA	-100KPa (-14.6 psi)	NA	20680 KPa (3000 psi)	NA
	0	413.7 ~ 41370 KPa (60~6000 psi)	NA	-100KPa (-14.6 psi)	NA	41370 KPa (6000 psi)	NA
	X	Special					
Mounting Flange/ Material		Body	Vent Plug		Diaphragm		
	M11	316 SST	316 SST		316L SST		
	M12	316 SST	316 SST		HAST - C		
	M13	316 SST	316 SST		Monel		
	M14	316 SST	316 SST		Tantalum		
	M21	HAST-C	HAST-C		HAST - C		
	M22	HAST-C	HAST-C		Monel		
M23	HAST-C	HAST-C		Tantalum			
Approvals	K0	Maker Standard (Waterproof : IP67)		E1	ATEX(KEMA) Flameproof		
	K1	KOSHA Flameproof Approval : Ex d IIC T6		*E2	ATEX(KEMA) Intrinsic Safety		
	*K2	KTL Intrinsic Safety Approval : Ex ia IIC T5		F1	FM/FMC Explosion proof for (USA & Canada)		
	*F2	FM Intrinsic Safety					
Fill Fluid	1	Silicone (DC200)		*2	Inert fill fluid (Halocarbon Oil)		
Process Connection	S	1/4 - 18 NPT (Standard)		O	1/2 - 14 NPT Female Adapter)	X Special	
Electrical Connection	1	1/2-14NPT Epoxy-Polyester Painted Aluminum		2	G1/2 Epoxy-Polyester Painted Aluminum	X Special	
Option	M1	LCD Indicator(5digit)					
	MP	Multi-Planar					
	LP	Lighting Protector (Internal Type)					
	K	Oil Free Finish					
	F1	Side Vent / Drain Top					
	F2	Side Vent / Drain Bottom					
	2W	2 Way Manifold (SST)					
	3W	3 Way Manifold (SST) Add Remark "Remote Type"					
	5W	5 Way Manifold (SST) Add Remark "Remote Type"					
	BA	Stainless Steel Bracket (Angle type) with SST Bolts					
	BF	Stainless Steel Bracket (Flat type) with SST Bolts					
	ST	Stainless Steel (SUS 316) Housing					
T	Teflon O-Ring (Wetted Part)						

**Example: APT3100-D5-M11-C1-1-S-1-M1-W-BA**

Note 1: Request manufacturer for Draft Range, Absolute (small pressure and vacuum) and Items marked "\*" before order.