



APT1000 Level / Pressure Transmitter							
1000S	APT 1000 Dual Mode 4-20mA & RS485 Modbus Intelligent Transmitter - Submersible construction with cable						
1000D	APT 1000 Dual Mode 4-20mA & RS485 Modbus Intelligent Transmitter - DIN Plug Type 43650 connection						
1000H	APT 1000 Dual Mode 4-20mA & RS485 Modbus Intelligent Transmitter - Terminal Head						
Certification							
S	Hazardous Area Approval NOT APPLICABLE						
I	Certified Intrinsically Safe to ATEX - Hazardous Area Approved						
X	Certified Intrinsically Safe to IECEx - Hazardous Area Approved						
IX	Dual Certification ATEX / IECEx - Hazardous Area Approved						
Measurement Type							
A	Absolute Gauge						
G	Gauge						
Nominal Range							
Absolute				Gauge			
	TI	SS	HT		TI	SS	HT
A	N/A	N/A	N/A	A	N/A	0.2 Bar	N/A
B	N/A	N/A	N/A	B	0.5 Bar	0.5 Bar	0.5 Bar
C	N/A	N/A	N/A	C	1.0 Bar	1.0 Bar	1.0 Bar
D	2.5 Bar	2.5 Bar	2.5 Bar	D	2.5 Bar	2.5 Bar	2.5 Bar
E	4.0 Bar	4.0 Bar	4.0 Bar	E	4.0 Bar	4.0 Bar	4.0 Bar
F	10 Bar	10 Bar	10 Bar	F	10 Bar	10 Bar	10 Bar
H	25 Bar	25 Bar	25 Bar	H	25 Bar	25 Bar	25 Bar
I	40 Bar	40 Bar	40 Bar	I	40 Bar	40 Bar	40 Bar
J	60 Bar	60 Bar	60 Bar	J	60 Bar	60 Bar	60 Bar
Process Connections & Fitting Options - options marked ** are not available for TI versions							
1	1/2" BSP Male (Standard connection). Material is as specified for the main body						
3	G1" Male Adapter in 316 Stainless Steel						
6	G1/2" to DIN EN837 Stainless Steel (Special order, refer for delivery time)						
7	Pole Adapter Threaded G 1/2" Female Adapter in 316 Stainless Steel**						
8	Pole Adapter Threaded G 3/4" Female Adapter in 316 Stainless Steel**						
11	St. Steel Sensor with Drain wire adapter - Specify drain wire length in Metres						
14	Titanium Sensor with Drain wire adapter - Specify drain wire length in Metres						
15	1" ANSI 150 lb St. Steel Flange (Supplied loose)						
17	Stilling Pipe Flexible Stainless Steel Cage pipe Installation. Suitable for Stilling Pipe I.D. of 2" to 3" (applicable for all sensor materials).						
18	Pole Adapter Threaded G1/2" Female - replacement for PSM ICT1000**						
19	2" ANSI 150lb Flange						
20	3" ANSI 150lb Flange						
21	1/2" NPT Male Threaded Adapter						
22	G1/2" Male with flexible Protection Compound - without diaphragm protection plate						
23	Pole Adapter Threaded G1/2" Male						
Cable Length mtrs (only applicable to APT 1000 versions)							
**	Heavy Duty Vented Cable						
Q**	As above but cable outer jacket PTFE coated (Subject to Availability)						
R**	As above but cable outer jacket Flame Retardant (Subject to Availability)						
S**	As above but cable outer jacket FEP Coated (Subject to Availability)						
Z**	Custom cable (refer to discuss requirements)						
Transmitter Body Material							
TI	Titanium (Body & Diaphragm)						
SS	Stainless Steel (Body & Diaphragm)						
HT	Hastelloy / Tantalum wetted parts (St. Stl. Body)						
Transmitter Orientation							
H	Horizontal						
V	Vertical - Diaphragm facing down						
U	Vertical - Diaphragm facing up						

Example: 1000S S A E 1 30 TI H
Written as 1000S/SA/E/1/30/TI/V

Note: Transmitter will be calibrated for 4-20 mA over Nominal range as standard. Where a specific calibration range is required this must be advised separately. Actual calibration can be a maximum of 5:1 turndown from Nominal range.

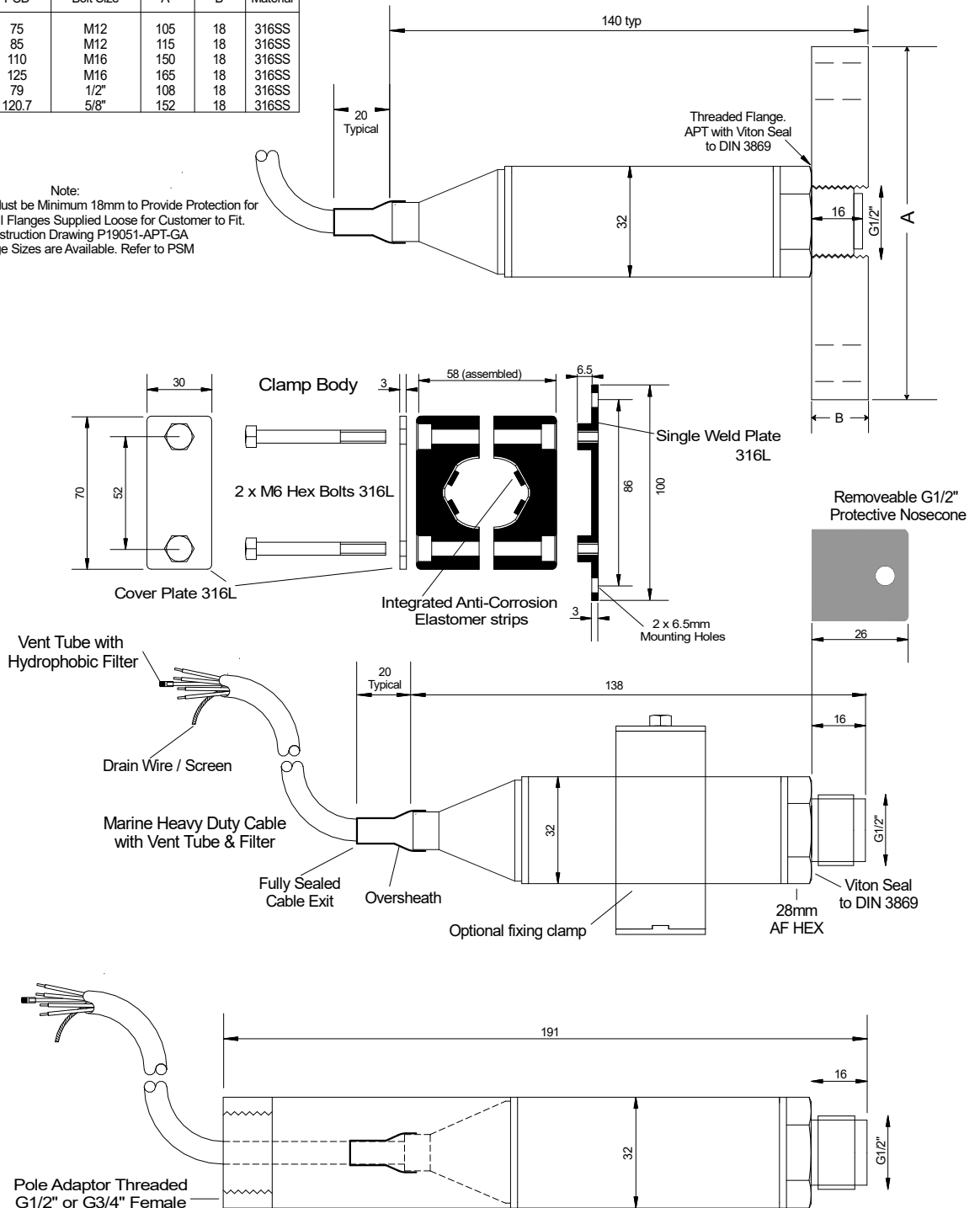
Note: The above table shows only common variants.
- Alternative DIN / ANSI mounting flange sizes and adaptors are available.
- Pole assemblies complete with tank top closing flange can be supplied.
Consult PSM for specific requirements

Dimensions

Common Flange Sizes - refer to PSM for specific requirements not listed

Flange	Holes	PCD	Bolt Size	A	B	Material
DN20 PN16	4	75	M12	105	18	316SS
DN25 PN16	4	85	M12	115	18	316SS
DN40 PN16	4	110	M16	150	18	316SS
DN50 PN16	4	125	M16	165	18	316SS
1" ANSI 150lb	4	79	1/2"	108	18	316SS
2" ANSI 150lb	4	120.7	5/8"	152	18	316SS

Note:
Flange Thickness (B) Must be Minimum 18mm to Provide Protection for Sensor Diaphragm. All Flanges Supplied Loose for Customer to Fit. Refer to Instruction Drawing P19051-APT-GA. Other Flange Sizes are Available. Refer to PSM



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