

Calibration Experts

Addital Prossure	Gauge					
Addited Pressure						
Selection Guide						
Features	ADT672 Series Digital Pressure Calibrator			ADT681 Series Digital Pressure Gauge		ADT680 Series Digital Pressure Gauge
Gauge Pressure	•			•		•
Compound Pressure	•			•		•
Absolute Pressure	•			•		
Differential Pressure		•			•	
Accuracy Classes	0.02% & 0.05%FS 15K & 20K psi: 0.05%FS >20K psi: 0.1%FS			0.02%, 0.05%,0.1% & 0.2%FS & 0.1%RD 15K & 20K psi: 0.05%, 0.1%, 0.2%FS & 0.1%RD >20K psi: 0.1% & 0.2%FS		0.05%, 0.1%, & 0.25%FS >20K psi: 0.1% & 0.25%FS
Digital Display		•			•	•
Analog Display (Fan-					•	
Shaped Indication)						
Fully Temperature Compensation from - 10 C to 50 C	•			•		•
Resolution						
6-Digit Resolution		•				
5-Digit Resolution		•		•		•
Selectable Pressure Units	11			11		19
Backlight		•		•		•
Over Pressure		•				•
Indication						•
IS Certification						
(optional – not				ADT681IS		
available for panel mount)					,	
IP67 Certification						•
Panel Mount						∀
(optional)					•	
Wireless						680W only
Data Logging	•			Optional		680W only
Min/Max	•			•		•
Built-in Leak Test		•				•
HART						
Communication		•				
Measure mA and V	•					
24V Loop Power	•					
Switch Test	•					
NIST-Traceable						
Certificate of	•		•		•	
Calibration			0\/ hattary (120/220\/ adapter :a			
Power	Rechargeable battery			9V battery (120/220V adapter is optional)		2AA batteries
Pressure	Pressure Range psi	bar	Media	ADT672 Series Digital Pressure Calibrator	ADT681 Series Digital Pressure Gauge	ADT680 Series Digital Pressure Gauge
Gauge						
V15	-15 to 0	-1 to 0	G	•	•	•
GP5	0 to 5	0 to 0.35	G,L	•	•	
			- ,-			

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Pressure						Odilbration	
Pressure						ADT681 Series	ADT680 Series
Pressure	_	psi	bar	Media			
GP16	Pressure	F					
GP15 0 to 15 0 to 1 G,L ● GP30 0 to 30 0 to 2 G,L ● ● GP50 0 to 50 0 to 50 0 to 3.5 G,L ● ● GP100 0 to 100 0 to 7 G,L ● ● GP150 0 to 100 0 to 10 G,L ● ● GP300 0 to 300 0 to 20 G,L ● ● GP800 0 to 500 0 to 30 G,L ● ● GP600 0 to 600 0 to 40 G,L ● ● GP600 0 to 10 to		0.4.40			Calibrator		J
GP30 0 to 50 0 to 50 0 to 5.5 G,L • </th <th></th> <th></th> <th></th> <th></th> <th>•</th> <th>•</th> <th></th>					•	•	
GP50 0 to 50 0 to 3.5 G.L. •					•	•	•
GP100 0 to 100 0 to 150 G.L. •	GP30	0 to 30	0 to 2	G,L	•	•	•
GP150 0 to 150 0 to 10 G.L. ● GP300 0 to 300 0 to 20 G.L. ● GP500 0 to 500 0 to 25 G.L. ● GP600 0 to 600 0 to 40 G.L. ● GP7K 0 to 1K 0 to 70 G.L. ● GP2K 0 to 2K 0 to 140 G.L. ● GP3K 0 to 3K 0 to 200 G.L. ● GP5K 0 to 3K 0 to 350 G.L. ● GP10K 0 to 10K 0 to 700 G.L. ● GP10K 0 to 15K 0 to 1K G.L. ● GP20K 0 to 25K 0 to 1K G.L. ● GP25K 0 to 25K 0 to 1K G.L. ● GP20K 0 to 25K 0 to 1.6K G.L. ● GP20K 0 to 36K 0 to 2.5K G.L. ● GP30K 0 to 36K 0 to 2.5K G.L. ● GP30K	GP50	0 to 50	0 to 3.5	G,L	•	•	
GP300 0 to 300 0 to 30 0 to 35 G.L. •	GP100	0 to 100	0 to 7	G,L	•	•	•
GP500 0 to 500 0 to 40 G.L. •	GP150	0 to 150	0 to 10	G,L	•	•	•
GP500 0 10 600 0 to 40 G.L. • GP1K 0 to 1K 0 to 70 G.L. • • GP2K 0 to 2K 0 to 140 G.L. • • GP3K 0 to 3K 0 to 200 G.L. • • GP3K 0 to 5K 0 to 5K 0 to 3C G.L. • • GP10K 0 to 10K 0 to 700 G.L. • • • GP15K 0 to 15K 0 to 1K G.L. • • • GP20K 0 to 20K 0 to 1.4K G.L. • • • GP28K 0 to 25K 0 to 1.4K G.L. • • • GP30K 0 to 36K 0 to 25K G.L. • • • GP40K 0 to 50K 0 to 25K G.L. • • • GP60K 0 to 50K 0 to 35K G.L • • • CP60K 0 to 50K <	GP300	0 to 300		G,L	•	•	•
GP1K 0 to 1K 0 to 70 G.L • • GP2K 0 to 2K 0 to 1440 G.L • • GP3K 0 to 3K 0 to 10 to 0 to 0 G.L • • • GP5K 0 to 5K 0 to 350 G.L • • • GP10K 0 to 15K 0 to 15K 0 to 1K G.L • • GP15K 0 to 15K 0 to 1K G.L • • • GP25K 0 to 25K 0 to 1AK G.L • • • • GP25K 0 to 25K 0 to 1.4K G.L • • • • GP30K 0 to 36K 0 to 2.5K G.L • • • • GP30K 0 to 40K 0 to 2.5K G.L • • • • GP30K 0 to 60K 0 to 60K 0 to 40K G.L • • • GP50K 0 to 60K 0 to 60K <th< th=""><th>GP500</th><th>0 to 500</th><th>0 to 35</th><th>G,L</th><th>•</th><th>•</th><th>•</th></th<>	GP500	0 to 500	0 to 35	G,L	•	•	•
GP2K 0 to 2K 0 to 140 G,L • • GP3K 0 to 3K 0 to 200 G,L • • GP6K 0 to 5K 0 to 350 G,L • • GP10K 0 to 15K 0 to 15K 0 to 14K G,L • • GP20K 0 to 15K 0 to 14K G,L • • • GP25K 0 to 25K 0 to 1.6K G,L • • • GP30K 0 to 36K 0 to 25K G,L • • • GP36K 0 to 36K 0 to 25K G,L • • • GP40K 0 to 40K 0 to 2.5K G,L • • • GP40K 0 to 50K 0 to 50K G,L • • • GP60K 0 to 50K 0 to 4.2K G,L • • • GP60K 0 to 60K 0 to 4.2K G,L • • • CP5	GP600	0 to 600	0 to 40		•	•	
GP3K 0 to 3K 0 to 200 G,L • • GP5K 0 to 5K 0 to 350 G,L • • GP10K 0 to 10K 0 to 700 G,L • • GP15K 0 to 15K 0 to 11K G,L • • GP20K 0 to 25K 0 to 1.4K G,L • • GP20K 0 to 25K 0 to 1.6K G,L • • GP30K 0 to 36K 0 to 25K G,L • • GP38K 0 to 36K 0 to 2.5K G,L • • GP38K 0 to 36K 0 to 2.5K G,L • • GP38K 0 to 36K 0 to 2.5K G,L • • GP40K 0 to 50K 0 to 2.5K G,L • • GP40K 0 to 60K 0 to 3.5K G,L • • GP50K 0 to 60K 0 to 4.2K G,L • • CP5 ±5	GP1K	0 to 1K	0 to 70	G,L	•	•	•
GP5K 0 to 5K 0 to 700 G,L • • GP10K 0 to 10K 0 to 700 G,L • • GP15K 0 to 15K 0 to 1K G,L • • GP20K 0 to 25K 0 to 1.4K G,L • • GP25K 0 to 25K 0 to 1.6K G,L • • GP30K 0 to 30K 0 to 2.5K G,L • • • GP36K 0 to 30K 0 to 2.5K G,L • • • • GP40K 0 to 40K 0 to 2.5K G,L • • • • G G • • • • • G G G L • • • G G C C G • • G G C C G • • • G G I • • • • • • <t< th=""><th>GP2K</th><th>0 to 2K</th><th>0 to 140</th><th>G,L</th><th>•</th><th>•</th><th></th></t<>	GP2K	0 to 2K	0 to 140	G,L	•	•	
GP10K 0 to 10K 0 to 700 G,L • • • GP15K 0 to 15K 0 to 1K G,L • • • GP20K 0 to 25K 0 to 1.6K G,L • • • GP30K 0 to 25K 0 to 1.6K G,L • • • GP30K 0 to 30K 0 to 2.5K G,L • • • GP30K 0 to 36K 0 to 2.8K G,L • • • GP40K 0 to 40K 0 to 2.8K G,L • • • GP40K 0 to 50K 0 to 3.5K G,L • • • GP50K 0 to 50K 0 to 3.5K G,L • • • GP50K 0 to 60K 0 to 4.2K G,L • • • CP70 ±2 ±0.16 G • • • CP10 ±10 ±0.7 G • • • </th <th></th> <th></th> <th></th> <th></th> <th>•</th> <th>•</th> <th>•</th>					•	•	•
GP15K 0 to 15K 0 to 14K G,L • • GP20K 0 to 15K 0 to 1.4K G,L • • • GP25K 0 to 25K 0 to 1.6K G,L • </th <th></th> <th></th> <th></th> <th></th> <th>•</th> <th>•</th> <th>•</th>					•	•	•
GP2DK 0 to 2DK 0 to 1.4K G,L • • • GP3SK 0 to 25K 0 to 1.6K G,L • • • GP30K 0 to 25K 0 to 1.6K G,L •<					•	•	•
GP25K 0 to 25K 0 to 1.6K G,L •					•	•	•
GP30K 0 to 30K 0 to 2.5K G,L ● ● GP36K 0 to 36K 0 to 2.5K G,L ● ● GP40K 0 to 40K 0 to 2.5K G,L ● ● GP50K 0 to 50K 0 to 3.5K G,L ● ● GP60K 0 to 60K 0 to 4.2K G,L ● ● CP60K 0 to 60K 0 to 4.2K G,L ● ● CPm00mpound C G,L ● ● ● CP70 ±2 ±0.16 G ● ● ● CP5 ±5 ±0.35 G ●					•	•	•
GP36K 0 to 36K 0 to 2.5K G,L ● ● GP40K 0 to 40K 0 to 2.8K G,L ● ● GP50K 0 to 50K 0 to 3.5K G,L ● ● GP60K 0 to 60K 0 to 4.2K G,L ● ● Compound B ● ● ● CP10 ±0.7 G ● ● CP10 ±10 ±0.7 G ● ● CP10 ±10 ±0.7 G ● ● CP10 ±10 ±0.7 G ● ● ● CP10 ±10 ±0.7 G ●					•	•	•
GP40K 0 to 40K 0 to 50K 0 to 35K G,L ● ● GP50K 0 to 50K 0 to 3.5K G,L ● ● GP60K 0 to 60K 0 to 4.2K G,L ● ● GP60K ● ● CP60K ●	GP30K			G,L	•	•	•
GP50K 0 to 50K 0 to 3.5K G,L ● ● GP60K 0 to 60K 0 to 4.2K G,L ● ● Compound B ■ ● ● CP70 ±2 ±0.16 G ● ● CP5 ±5 ±0.35 G ● ● CP10 ±10 ±0.7 G ● ● CP10 ±15 to 30 -1 to 2 G ● ● CP30 -15 to 30 -1 to 2 G ● ● ● CP30 -15 to 100 1 to 7 G,L ● ● ● ● ● CP30 -15 to 100 1 to 2 G ● <th< th=""><th>GP36K</th><th>0 to 36K</th><th>0 to 2.5K</th><th>G,L</th><th>•</th><th>•</th><th>•</th></th<>	GP36K	0 to 36K	0 to 2.5K	G,L	•	•	•
GP60K 0 to 60K 0 to 4.2K G,L ● ● Compound CP2 ±2 ±0.16 G ● ● CP5 ±5 ±0.35 G ● ● CP10 ±10 ±0.7 G ● ● CP10 ±15 ±1 G ● ● CP30 -15 to 30 -1 to 2 G ● ● CP30 -15 to 100 1 to 7 G,L ● ● CP300 -15 to 100 1 to 7 G,L ● ● CP300 -15 to 300 -1 to 20 G,L ● ● Absolute B ● ● ● ● AP50 5 0.35 G ● ● ● AP15 15 1 G ● ● ● AP30 30 2 G ● ● ● AP100 100 7 <th< th=""><th>GP40K</th><th>0 to 40K</th><th>0 to 2.8K</th><th>G,L</th><th>•</th><th>•</th><th>•</th></th<>	GP40K	0 to 40K	0 to 2.8K	G,L	•	•	•
Compound ±2 ±0.16 G • • CP2 ±2 ±0.16 G • • CP5 ±5 ±0.35 G • • CP10 ±10 ±0.7 G • • CP15 ±15 ±1 G • • • CP30 -15 to 300 -1 to 2 G • • • • CP300 -15 to 300 -1 to 20 G,L • <th>GP50K</th> <th>0 to 50K</th> <th>0 to 3.5K</th> <th>G,L</th> <th>•</th> <th>•</th> <th>•</th>	GP50K	0 to 50K	0 to 3.5K	G,L	•	•	•
CP2 ±2 ±0.16 G • • CP5 ±5 ±0.35 G • • CP10 ±10 ±0.7 G • • CP10 ±15 ±1 G • • • CP30 -15 to 30 -1 to 2 G •	GP60K	0 to 60K	0 to 4.2K	G,L	•	•	•
CP5 ±5 ±0.35 G • • CP10 ±10 ±0.7 G • • CP15 ±15 ±1 G • • • CP30 -15 to 30 -1 to 2 G •	Compound						
CP10 ±10 ±0.7 G • • CP15 ±15 ±1 G • • • CP30 -15 to 30 -1 to 2 G •		±2	±0.16		•	•	
CP15 ±15 ±1 G ● ● CP30 -15 to 30 -1 to 2 G ● ● CP100 -15 to 100 1 to 7 G,L ● ● CP300 -15 to 100 1 to 7 G,L ● ● Absolute B B ● ABSOLUTE ● ● AP10 10 0.7 G ● ● AP10 AP10 10 0.7 G ● ● AP15 15 1 G ● ● AP30 30 2 G ● ● AP30 30 2 G ● ● AP30 30 2 G ● ● AP30 AP30 35<	CP5	±5	±0.35	G	•	•	
CP30 -15 to 30 -1 to 2 G ● ● CP100 -15 to 100 1 to 7 G,L ● ● CP300 -15 to 300 -1 to 20 G,L ● ● Absolute B ● ● ● AP10 10 0.7 G ● ● AP15 15 1 G ● ● AP30 30 2 G ● ● AP50 50 3.5 G ● ● AP100 100 7 G,L ● ● AP300 300 20 G,L ● ● AP300 300 20 G,L ● ● AP300 300 20 G,L ● ● AP400 100 7 G,L ● ● AP300 300 20 G,L ● ● AP300 500 <		±10	±0.7		•	•	
CP100 -15 to 100 1 to 7 G,L ● ● CP300 -15 to 300 -1 to 20 G,L ● ● Absolute B B ● ABSOLUTE ● ● AP5 5 0.35 G ● ● ● AP10 ■ ● AP15 ■ ● AP15 ■ ● AP30 AP15 1 G ● ● AP30 AP30 30 2 G ● ● AP30 AP30 30 2 G ● ● AP30 AP50 S0 3.5 G ● ● AP30 AP30 </th <th></th> <th>±15</th> <th>±1</th> <th></th> <th>•</th> <th>•</th> <th>•</th>		±15	±1		•	•	•
CP300 -15 to 300 -1 to 20 G,L ● Absolute B B B B AP5 5 0.35 G ● B AP10 10 0.7 G ● B AP15 15 1 G ● ● AP30 30 2 G ● ● AP50 50 3.5 G ● ● AP100 100 7 G,L ● ● AP300 300 20 G,L ● ● AP300 300 20 G,L ● ● AP500 500 35 G,L ● ● AP1K 1K 70 G,L ● ● AP3K 3K 200 G,L ● ● AP5K 5K 350 G,L ● ● DP1 ±1 ±2.5 G ● ● DP5 ±5 ±10 G ● ●					•	•	•
Absolute 0.35 G • • AP10 10 0.7 G • • AP15 15 1 G • • AP30 30 2 G • • AP50 50 3.5 G • • AP100 100 7 G,L • • AP300 300 20 G,L • • AP300 300 20 G,L • • AP500 500 35 G,L • • AP5W 10 50 G,L • • AP3K 3K 200 G,L • • AP5K 5K 350 G,L • • DP1 ±1 ±2.5 G • • DP2 ±2 ±5 G • • DP4 ±10 ±25 G			1 to 7	G,L	•	•	
AP5 5 0.35 G • • AP10 10 0.7 G • • AP15 15 1 G • • AP30 30 2 G • • AP50 50 3.5 G • • AP100 100 7 G,L • • AP300 300 20 G,L • • AP500 500 35 G,L • • AP500 500 35 G,L • • AP3K 1K 70 G,L • • AP3K 3K 200 G,L • • AP5K 5K 350 G,L • • AP5K 5K 350 G,L • • DP1 ±1 ±2.5 G • • DP2 ±2 ±5 G • • DP10 ±10 ±25 G • •	CP300	-15 to 300	-1 to 20	G,L	•	•	
AP10 10 0.7 G • • AP15 15 1 G • • AP30 30 2 G • • AP50 50 3.5 G • • AP100 100 7 G,L • • AP300 300 20 G,L • • AP500 500 35 G,L • • AP4K 1K 70 G,L • • AP3K 3K 200 G,L • • AP5K 5K 350 G,L • • AP5K 5K 350 G,L • • DP1 ±1 ±2.5 G • • DP2 ±2 ±5 G • • DP10 ±10 ±25 G • • DP20 ±20 ±50 G • • DP30 ±30 ±75 G • •							
AP15 15 1 G ● ● AP30 30 2 G ● ● AP50 50 3.5 G ● ● AP100 100 7 G,L ● ● AP300 300 20 G,L ● ● AP500 500 35 G,L ● ● AP1K 1K 70 G,L ● ● AP3K 3K 200 G,L ● ● AP5K 5K 350 G,L ● ● Differential inH₂O mbar ● ● ● DP1 ±1 ±2.5 G ● ● ● DP2 ±2 ±5 G ● ● ● DP10 ±10 ±25 G ● ● ● DP20 ±20 ±50 G ● ● ● DP30 ±30 ±75 G ● ● ● DP					•	•	
AP30 30 2 G ● ● AP50 50 3.5 G ● ● AP100 100 7 G,L ● ● AP300 300 20 G,L ● ● AP500 500 35 G,L ● ● AP1K 1K 70 G,L ● ● AP3K 3K 200 G,L ● ● AP5K 5K 350 G,L ● ● Differential inH₂O mbar ● ● DP1 ±1 ±2.5 G ● ● DP2 ±2 ±5 G ● ● DP5 ±5 ±10 G ● ● DP10 ±10 ±25 G ● ● DP30 ±30 ±75 G ● ● DP50 ±50 ±160 G ● ● DP150 ±150 ±350 G ● ●	AP10		0.7		•	•	
AP50 50 3.5 G ● ● AP100 100 7 G,L ● ● AP300 300 20 G,L ● ● AP500 S00 35 G,L ● ● AP500 B ●					•	•	
AP100 100 7 G,L ● ● AP300 300 20 G,L ● ● AP500 500 35 G,L ● ● AP1K 1K 70 G,L ● ● AP3K 3K 200 G,L ● ● AP5K 5K 350 G,L ● ● DF6K 5K 350 G,L ● ● DP1 ±1 ±2.5 G ● ● DP2 ±2 ±5 G ● ● DP5 ±5 ±10 G ● ● DP10 ±10 ±25 G ● ● DP20 ±20 ±50 G ● ● DP30 ±30 ±75 G ● ● DP50 ±50 ±160 G ● ● DP150 ±150 ±350 G ● ●					•	•	
AP300 300 20 G,L ● ● AP500 500 35 G,L ● ● AP1K 1K 70 G,L ● ● AP3K 3K 200 G,L ● ● AP5K 5K 350 G,L ● ● AP5K 5K 350 G,L ● ● DP1K ±1 ±2.5 G ● ● DP1 ±1 ±2.5 G ● ● DP2 ±2 ±5 G ● ● ● DP5 ±5 ±10 G ● ● ● DP10 ±10 ±25 G ● ● ● DP30 ±30 ±75 G ● ● ● DP50 ±50 ±160 G ● ● ● DP150 ±150 ±350 G ● ● ●					•	•	
AP500 500 35 G,L ● ● AP1K 1K 70 G,L ● ● AP3K 3K 200 G,L ● ● AP5K 5K 350 G,L ● ● Differential inH₂O mbar □ □ □ DP1 ±1 ±2.5 G ● ● □ DP2 ±2 ±5 G ● ● □ DP5 ±5 ±10 G ● ● □ DP10 ±10 ±25 G ● ● □ DP20 ±20 ±50 G ● ● ● DP30 ±30 ±75 G ● ● ● DP50 ±50 ±160 G ● ● ● DP150 ±150 ±350 G ● ● ●					•	•	
AP1K 1K 70 G,L • • • AP3K 3K 200 G,L •					•	•	
AP3K 3K 200 G,L ● ● AP5K 5K 350 G,L ● ● Differential inH₂O mbar ■ ■ DP1 ±1 ±2.5 G ● ● DP2 ±2 ±5 G ● ● DP5 ±5 ±10 G ● ● DP10 ±10 ±25 G ● ● DP20 ±20 ±50 G ● ● DP30 ±30 ±75 G ● ● DP50 ±50 ±160 G ● ● DP150 ±150 ±350 G ● ●					•	•	
AP5K 5K 350 G,L ● ● Differential inH₂O mbar □ <					•	•	
Differential inH₂O mbar InH₂O mbar InH₂O					•	•	
DP1 ±1 ±2.5 G • • • DP2 ±2 ±5 G • <t< th=""><th></th><th></th><th></th><th>G,L</th><th>•</th><th>•</th><th></th></t<>				G,L	•	•	
DP2 ±2 ±5 G • • • DP5 ±5 ±10 G • • • DP10 ±10 ±25 G • • • DP20 ±20 ±50 G • • • DP30 ±30 ±75 G • • • DP50 ±50 ±160 G • • • DP150 ±150 ±350 G • • •							
DP5 ±5 ±10 G • • DP10 ±10 ±25 G • • DP20 ±20 ±50 G • • DP30 ±30 ±75 G • • DP50 ±50 ±160 G • • DP150 ±150 ±350 G • •					•	•	
DP10 ±10 ±25 G ● ● DP20 ±20 ±50 G ● ● DP30 ±30 ±75 G ● ● DP50 ±50 ±160 G ● ● DP150 ±150 ±350 G ● ●					•	•	
DP20 ±20 ±50 G • • DP30 ±30 ±75 G • • DP50 ±50 ±160 G • • DP150 ±150 ±350 G • •					•	•	
DP30 ±30 ±75 G ● ● DP50 ±50 ±160 G ● ● DP150 ±150 ±350 G ● ●					•	•	
DP50 ±50 ±160 G ● ● DP150 ±150 ±350 G ● ●					•	•	
DP150 ±150 ±350 G • •					•	•	
					•	•	
DP300					•	•	
, , , , , , , , , , , , , , , , , , , ,	DP300	±300	±700	G	•	•	

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