Additel 161, 161Ex Intelligent Digital Pressure Modules



Metrology Made Simple

- Pressure ranges to 60,000 psi (4,200 bar)
- Precision accuracy to 0.01% RD
- Intrinsically Safe (Ex) models available
- Fully temperature compensated accuracy
- Advanced temperature compensation
- ISO 17025 accredited calibration and data included

OVERVIEW



Gauge pressure Differential pressure

With advanced microprocessor technology and state-of-the-art silicon pressure sensors, Additel's 161 and 161Ex series Digital Pressure Modules provide an accurate, reliable, and economic solution for wide range of pressure applications. Our intrinsically safe (Ex) models are up to the task of providing the best possible results, even in hazardous environments. In order to reach the best performance, every silicon pressure sensor in the module has been specially aged, tested and screened before assembly. Designed as external pressure modules for Additel's 760 automatic handheld pressure calibrator, the ADT761 automated pressure calibrator, ADT226/227 series handheld process calibrator and Additel's flagship 780 pressure controller, the Additel 161 is unmatched in performance and reliability. If intrinsic safety is a critical requirement for your workload, we have you covered when you combine our model ADT226Ex/227Ex process calibrator with any of our ADT161Ex pressure modules.

PRESSURE RANGE

V15 -15 -1.0 G 0.01, 0.02 3x GP2 2 0.16 G, L ^[3] 0.01, 0.02, 0.05 3x GP5 5 0.35 G, L ^[3] 0.01, 0.02, 0.05 3x GP10 10 0.7 G 0.01, 0.02 3x GP15 15 1.0 G 0.01, 0.02 3x GP30 30 2.0 G, L 0.01, 0.02 3x GP50 50 3.5 G, L 0.01, 0.02 3x GP100 100 7.0 G, L 0.01, 0.02 3x GP150 150 10 G, L 0.01, 0.02 3x GP300 300 20 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x	Gauge Pressure ⁽¹⁾						
(psi) (bar) Pressure GP2 2 0.16 G, L ^[S] 0.01, 0.02, 0.05 3x GP5 5 0.35 G, L ^[S] 0.01, 0.02, 0.05 3x GP10 10 0.7 G 0.01, 0.02 3x GP15 15 1.0 G 0.01, 0.02 3x GP30 30 2.0 G, L 0.01, 0.02 3x GP50 50 3.5 G, L 0.01, 0.02 3x GP100 100 7.0 G, L 0.01, 0.02 3x GP100 100 7.0 G, L 0.01, 0.02 3x GP150 150 10 G, L 0.01, 0.02 3x GP150 150 10 G, L 0.01, 0.02 3x GP300 300 20 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L <td< th=""><th rowspan="2">P/N</th><th colspan="2">Pressure Range</th><th>Media [2]</th><th>Accuracy(%ES)</th><th>Burst</th></td<>	P/N	Pressure Range		Media [2]	Accuracy(%ES)	Burst	
GP2 2 0.16 G, L ^[S] 0.01,0.02,0.05 3x GP5 5 0.35 G, L ^[S] 0.01,0.02,0.05 3x GP10 10 0.7 G 0.01,0.02 3x GP15 15 1.0 G 0.01,0.02 3x GP30 30 2.0 G, L 0.01,0.02 3x GP50 50 3.5 G, L 0.01,0.02 3x GP50 50 3.5 G, L 0.01,0.02 3x GP100 100 7.0 G, L 0.01,0.02 3x GP150 150 10 G, L 0.01,0.02 3x GP150 150 10 G, L 0.01,0.02 3x GP300 300 20 G, L 0.01,0.02 3x GP500 500 35 G, L 0.01,0.02 3x GP600 600 40 G, L 0.01,0.02 3x GP1K 1,000		(psi)	(bar)	Ivicula	Accuracy(/oF3)	Pressure	
GP5 5 0.35 G, L ^[S] 0.01, 0.02, 0.05 3x GP10 10 0.7 G 0.01, 0.02 3x GP15 15 1.0 G 0.01, 0.02 3x GP30 30 2.0 G, L 0.01, 0.02 3x GP50 50 3.5 G, L 0.01, 0.02 3x GP100 100 7.0 G, L 0.01, 0.02 3x GP100 150 10 G, L 0.01, 0.02 3x GP300 300 20 G, L 0.01, 0.02 3x GP300 500 35 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP1K 1,500 100 G, L 0.01, 0.02 3x GP3K 3,000 <td>V15</td> <td>-15</td> <td>-1.0</td> <td></td> <td>0.01, 0.02</td> <td>3×</td>	V15	-15	-1.0		0.01 , 0.02	3×	
GP10 10 0.7 G 0.01,002 3x GP15 15 1.0 G 0.01,002 3x GP30 30 2.0 G, L 0.01,002 3x GP50 50 3.5 G, L 0.01,002 3x GP100 100 7.0 G, L 0.01,002 3x GP150 150 10 G, L 0.01,002 3x GP300 300 20 G, L 0.01,002 3x GP500 500 35 G, L 0.01,002 3x GP500 500 35 G, L 0.01,002 3x GP600 600 40 G, L 0.01,002 3x GP1K 1,000 70 G, L 0.01,002 3x GP1K 1,500 100 G, L 0.01,002 3x GP2K 2,000 140 G, L 0.01,002 3x GP5K 5,000 350 <t< td=""><td>GP2</td><td>2</td><td>0.16</td><td>G, L^[3]</td><td>0.01, 0.02, 0.05</td><td>3×</td></t<>	GP2	2	0.16	G, L ^[3]	0.01, 0.02, 0.05	3×	
GP15 15 1.0 G 0.01, 0.02 3x GP30 30 2.0 G, L 0.01, 0.02 3x GP50 50 3.5 G, L 0.01, 0.02 3x GP100 100 7.0 G, L 0.01, 0.02 3x GP150 150 10 G, L 0.01, 0.02 3x GP300 300 20 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP15K 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP15K 15,000	GP5	5	0.35	G, L ^[3]	0.01, 0.02, 0.05	3×	
GP30 30 2.0 G, L 0.01, 0.02 3x GP50 50 3.5 G, L 0.01, 0.02 3x GP100 100 7.0 G, L 0.01, 0.02 3x GP150 150 10 G, L 0.01, 0.02 3x GP300 300 20 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP15K 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K	GP10	10	0.7	G	0.01 , 0.02	3×	
GP50 50 3.5 G, L 0.01, 0.02 3x GP100 100 7.0 G, L 0.01, 0.02 3x GP150 150 10 G, L 0.01, 0.02 3x GP300 300 20 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP1SK 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K	GP15	15	1.0	G	0.01 , 0.02	3×	
GP100 100 7.0 G, L 0.01,0.02 3x GP150 150 10 G, L 0.01,0.02 3x GP300 300 20 G, L 0.01,0.02 3x GP500 500 35 G, L 0.01,0.02 3x GP600 600 40 G, L 0.01,0.02 3x GP1K 1,000 70 G, L 0.01,0.02 3x GP1.5K 1,500 100 G, L 0.01,0.02 3x GP2K 2,000 140 G, L 0.01,0.02 3x GP3K 3,000 200 G, L 0.01,0.02 3x GP5K 5,000 350 G, L 0.01,0.02 3x GP10K 10,000 700 G, L 0.01,0.02 3x GP15K 15,000 1,000 G, L 0.01,0.02 1.5x GP20K 20,000 1,400 G, L 0.01,0.02 1.5x GP30K	GP30	30	2.0	G, L	0.01 , 0.02	3×	
GP150 150 10 G, L 0.01, 0.02 3x GP300 300 20 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP1.5K 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.01, 0.02 1.5x GP20K 25,000 1,600 G, L 0.05 1.5x <td< td=""><td>GP50</td><td>50</td><td>3.5</td><td>G,L</td><td>0.01, 0.02</td><td>3×</td></td<>	GP50	50	3.5	G,L	0.01 , 0.02	3×	
GP300 300 20 G, L 0.01, 0.02 3x GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP1.5K 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.01, 0.02 1.5x GP25K 25,000 1,600 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x <	GP100	100	7.0	G, L	0.01 , 0.02	3×	
GP500 500 35 G, L 0.01, 0.02 3x GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP1.5K 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.01, 0.02 1.5x GP25K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x	GP150	150	10	G,L	0.01 , 0.02	3×	
GP600 600 40 G, L 0.01, 0.02 3x GP1K 1,000 70 G, L 0.01, 0.02 3x GP1.5K 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.01, 0.02 1.5x GP20K 20,000 1,600 G, L 0.01, 0.02 1.5x GP30K 30,000 2,000 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x	GP300	300	20	G, L	0.01 , 0.02	3×	
GP1K 1,000 70 G, L 0.01, 0.02 3x GP1.5K 1,500 100 G, L 0.01, 0.02 3x GP2K 2,000 140 G, L 0.01, 0.02 3x GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.01, 0.02 1.5x GP20K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x <	GP500	500	35	G,L	0.01 , 0.02	3×	
GP1.5K 1,500 100 G, L 0.01,0.02 3x GP2K 2,000 140 G, L 0.01,0.02 3x GP3K 3,000 200 G, L 0.01,0.02 3x GP5K 5,000 350 G, L 0.01,0.02 3x GP10K 10,000 700 G, L 0.01,0.02 1.5x GP15K 15,000 1,000 G, L 0.01,0.02 1.5x GP20K 20,000 1,400 G, L 0.05 1.3x GP25K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.01 0.1 1.2x	GP600	600	40	G, L	0.01 , 0.02	3×	
GP2K 2,000 140 G, L 0.01,002 3x GP3K 3,000 200 G, L 0.01,002 3x GP5K 5,000 350 G, L 0.01,002 3x GP10K 10,000 700 G, L 0.01,002 1.5x GP15K 15,000 1,000 G, L 0.01,002 1.5x GP20K 20,000 1,400 G, L 0.05 1.3x GP25K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.01 0.1 1.2x	GP1K	1,000	70	G,L	0.01 , 0.02	3×	
GP3K 3,000 200 G, L 0.01, 0.02 3x GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.05 1.3x GP25K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.01 0.1 1.2x	GP1.5K	1,500	100	G, L	0.01 , 0.02	3×	
GP5K 5,000 350 G, L 0.01, 0.02 3x GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.05 1.3x GP25K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.1 1.2x	GP2K	2,000	140	G,L	0.01 , 0.02	3×	
GP10K 10,000 700 G, L 0.01, 0.02 1.5x GP15K 15,000 1,000 G, L 0.01, 0.02 1.5x GP20K 20,000 1,400 G, L 0.05 1.3x GP25K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.1 1.2x	GP3K	3,000	200	G,L	0.01 , 0.02	3×	
GP15K 15,000 1,000 G , L 0.01, 0.02 1.5x GP20K 20,000 1,400 G , L 0.05 1.3x GP25K 25,000 1,600 G , L 0.05 1.2x GP30K 30,000 2,000 G , L 0.05 1.5x GP36K 36,000 2,500 G , L 0.05 1.5x GP40K 40,000 2,800 G , L 0.05 1.35x GP50K 50,000 3,500 G , L 0.1 1.2x	GP5K	5,000	350	G,L	0.01 , 0.02	3×	
GP20K 20,000 1,400 G, L 0.05 1.3x GP25K 25,000 1,600 G, L 0.05 1.2x GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.1 1.2x	GP10K	10,000	700	G,L	0.01 , 0.02	1.5x	
GP25K 25,000 1,600 G , L 0.05 1.2x GP30K 30,000 2,000 G , L 0.05 1.5x GP36K 36,000 2,500 G , L 0.05 1.5x GP40K 40,000 2,800 G , L 0.05 1.35x GP50K 50,000 3,500 G , L 0.1 1.2x	GP15K	15,000	1,000	G,L	0.01 , 0.02	1.5x	
GP30K 30,000 2,000 G, L 0.05 1.5x GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.1 1.2x	GP20K	20,000	1,400	G,L	0.05	1.3x	
GP36K 36,000 2,500 G, L 0.05 1.5x GP40K 40,000 2,800 G, L 0.05 1.35x GP50K 50,000 3,500 G, L 0.1 1.2x	GP25K	25,000	1,600	G,L	0.05	1.2x	
GP40K 40,000 2,800 G , L 0.05 1.35x GP50K 50,000 3,500 G , L 0.1 1.2x	GP30K	30,000	2,000	G,L	0.05	1.5x	
GP50K 50,000 3,500 G , L 0.1 1.2x	GP36K	36,000	2,500	G, L	0.05	1.5x	
	GP40K	40,000	2,800	G,L	0.05	1.35x	
GP60K 60,000 4,200 G , L 0.1 1.1x	GP50K	50,000	3,500	G,L	0.1	1.2x	
	GP60K	60,000	4,200	G,L	0.1	1.1x	

^[1] Sealed gauge pressure for above 1000 psi

[2] G=Gas, L=Liquid

Note: 0.01%FS accuracy sensors cannot be configured as Ex models and cannot be read by Ex devices.





Phone: 714-998-6899 Rev # 20250403

^{[3] 0.01%}FS,0.02%FS for gas media only

PRESSURE RANGE

Metrology Made Simple

Compound Pressure						
P/N	Pressur	e Range	Media		Burst Pressure	
P/N	psig	bar.g	iviedia	Accuracy(%FS)	Buist Flessule	
CP2	±2	±0.16	G, L ^[1]	0.01, 0.02, 0.05	Зх	
CP5	±5	±0.35	G	0.01, 0.02		
CP10	±10	±0.7	G	0.01, 0.02	3x	
CP15	±15	±1.0	G	0.01, 0.02	Зх	
CP30	-15 to 30	-1 to 2.0	G, L	0.01, 0.02	Зх	
CP100	-15 to 100	-1 to 7.0	G, L	0.01, 0.02	3x	
CP150	-15 to 150	-1 to 10	G, L	0.01, 0.02	3x	
CP300	-15 to 300	-1 to 20	G, L	0.01, 0.02	3x	
CP500	-15 to 500	-1 to 35	G, L	0.01, 0.02	Зх	
CP600	-15 to 600	-1 to 40	G, L	0.01, 0.02	3x	
CP1K	-15 to 1,000	-1 to 70	G, L	0.01, 0.02	3x	
CP2K	-15 to 2,000	-1 to 140	G, L	0.01, 0.02	3x	
СРЗК	-15 to 3,000	-1 to 200	G, L	0.01, 0.02	3x	
CP5K	-15 to 5,000	-1 to 350	G, L	0.01, 0.02	3x	
CP10K	-15 to 10,000	-1 to 700	G, L	0.01, 0.02	2x	
CP15K	-15 to 15,000	-1 to 1000	G, L	0.01, 0.02	2x	

[1] 0.01%FS,0.02%FS for gas media only

Note: 0.01%FS accuracy sensors cannot be configured as Ex models and cannot be read by Ex devices.

Precision Sensors ^[1]						
P/N Pres	Pressure	e Range	Media	Accuracy ^[2]	Burst Pressure	
F/IN	psi	bar	Wicula	Accuracy	Dai ot i ressure	
AP15R	0 to 15	0 to 1	G	0.01% FS	2x	
CP5M	-5 to 5	-0.35 to 0.35	G	0.01% rdg or 0.005% FS whichever is greater	3x	
CP10M	-10 to 10	-0.7 to 0.7	G	0.01% rdg or 0.005% FS whichever is greater	3x	
CP15M	-15 to 15	-1 to 1.0	G	0.01% rdg or 0.005% FS whichever is greater	3x	
CP30M	-15 to 30	-1 to 2.0	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
CP50M	-15 to 50	-1 to 3.5	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
CP100M	-15 to 100	-1 to 7.0	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
CP300M	-15 to 300	-1 to 20	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
CP500M	-15 to 500	-1 to 35	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
CP1KM	-15 to 1,000	-1 to 70	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
СРЗКМ	-15 to 3,000	-1 to 200	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
CP5KM	-15 to 5,000	-1 to 350	G, L	0.01% rdg or 0.005% FS whichever is greater	3x	
CP10KM	-15 to 10,000	-1 to 700	G, L	0.01% rdg or 0.005% FS whichever is greater	1.5x	
CP15KM	-15 to 15,000	1 to 1,000	G, L	0.01% rdg or 0.005% FS whichever is greater	1.5x	

[1] Contact Additel for other range options.

[2] Accuracy includes calibration uncertainty, linearity and long-term stability.

Note: Precision Sensors (CPXM) cannot be configured as Ex models and cannot be read by Ex devices.





PRESSURE RANGE

Metrology Made Simple

Differential Pres	Differential Pressure							
P/N	Pressure Range ^[1]			Accuracy	Burst	Static		
P/N	(inH₂0)	(mbar)	Media	(%FS) ⁵	Pressure	Pressure Range		
DP1	±1	±2.5	G	0.05 ^[2]	100×	±10 psi		
DP2	±2	±5.0	G	0.05 ^[2]	100×	±10 psi		
DP5	±5	±10	G	0.05 ^[2]	50×	±10 psi		
DP10	±10	±25	G	0.05 ^[2]	20×	±10 psi		
DP20	±20	±50	G	0.05	20×	±10 psi		
DP30	±30	±75	G	0.05	20×	±10 psi		
DP50	±50	±160	G	0.05	3×	±10 psi		
DP100	±100	±250	G	0.02	3×	±15 psi		
DP150	±150	±350	G	0.02	3×	50 psi		
DP300	±300	±700	G	0.02	3×	50 psi		

^[1] FS specification applies to the span of the range. Accuracy includes 1 year stability.
[2] 0.05%FS accuracy (incl 6 months stability). One year accuracy is 0.05%FS calibration accuracy combined with 0.05%FS one year stability.

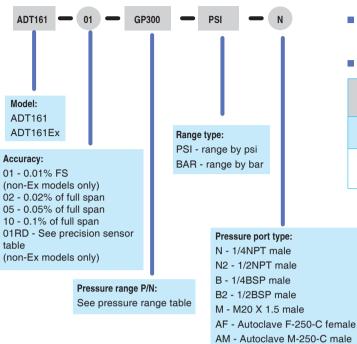
Barometric Pres	Barometric Pressure							
Press		e Range	BA a alta	A	Burst Pressure			
F/N	Low	High	Media	Accuracy	Duist Flessule			
ВР	60 kPa	110 kPa	G	55 Pa	3×			
BPH	60 kPa	110 kPa	G	10 Pa	3×			



Metrology Made Simple

ORDERING INFORMATION





Accessories included ISO 17025 accredited Calibration Certificate

Optional Accessories

Model number	Description	Picture
9060	Pressure module connection cable	
9064	Pressure modulelemo connection to USB for high-speed connection of ADT161 to PC	P



Additel 226Ex with ADT161Ex Pressure Module

SPECIFICATIONS

		Standard Accurac	у	Precision Accuracy		
	СРХХ	DPXX	GPXX	СРХМ		
Operating temperature	-10°C to 50°C (14°F to 122°F)			10°C to 30°C (50°F to 86°F)		
Storage temperature	-30°C to 70°C (-22°F to 158°F)			-30°C to 70°C (-22°F to 158°F)		
Relative humidity	95% RH			90% RH		
Pressure connections (for external use only)		1/4NPT, 1/2NPT, 1		3SP, 1/2BPS, M20 x15		
Enclosure (for external use only)	SS enclosure					
Intrinisic Safety (ADT161Ex models only)	ATEX certified intrinsically safe II 1G EX ia IIC T4 Ga (ADT161Ex modules only work together with ADT226Ex or ADT227Ex to conform to the ATEX certificate.)					
Dimensions (Dia x H)	33 mm x 123 mm (1.3" x 4.84")					
Weight	0.4 kg (0.99 lb)					
Warranty	1 Year					