

Fig.	Pressure	Pressure Type	Output	Package	Supply (VDC)	Response Time*	Compensated Temp. Range (°C)	Digi-Key Part No.	Price Each		
									1	25	100
Amplified Temperature Compensated Pressure Sensors											
12	0 - 0.57 psi	Gauge	4.9V	482A-01	5.0	—	0 - 85	MPXV5004GC6U-ND	8.77	7.35	6.64
12	0 - 0.57 psi	Gauge	4.9V	482A-01	5.0	—	10 - 60	MPXV5004GC6T1CT-ND	8.77	6.64	—
12	0 - 0.57 psi	Gauge	4.9V	482A-01	5.0	—	10 - 60	MPXV5004GC6T1TR-ND	659.67/100	—	—
19	0 - 0.57 psi	Gauge	4.9V	482C-03	5.0	—	10 - 60	MPXV5004GCV-ND	8.77	7.35	6.64
24	0 - 0.57 psi	Gauge	4.9V	1369-01	5.0	—	10 - 60	MPXV5004GVP-ND	8.77	8.05	7.35
26	0 - 0.57 psi	Gauge	4.9V	1369-01	5.0	—	10 - 60	MPXV5004GVP-ND	8.77	7.35	6.64
19	0 - 0.87 psi	Gauge	4.6V	482C-03	5.0	—	10 - 60	MPXV4006GCV-ND	8.77	7.35	6.64
24	0 - 0.87 psi	Gauge	4.6V	1369-01	5.0	—	10 - 60	MPXV4006GVP-ND	8.77	7.35	6.64
13	0 - 1.45 psi	Differential	4.5V	867C-05	5.0	1.0ms	-40 - 125	MPX5010DP-ND	9.71	8.13	7.34
14	0 - 1.45 psi	Gauge	4.5V	867B-04	5.0	1.0ms	-40 - 125	MPX5010GP-ND	9.71	8.13	7.34
24	0 - 1.45 psi	Gauge	4.5V	1369-01	5.0	1.0ms	-40 - 125	MPXV5010GP-ND	8.77	7.35	6.64
15	0 - 7.25 psi	Differential	4.5V	867-08	5.0	1.0ms	-40 - 125	MPX5050DP-ND	9.71	8.91	8.13
13	0 - 7.25 psi	Differential	4.5V	867C-05	5.0	1.0ms	-40 - 125	MPX5050DP-ND	9.71	8.91	8.13
14	0 - 7.25 psi	Gauge	4.5V	867B-04	5.0	1.0ms	-40 - 125	MPX5050GP-ND	9.71	8.91	8.13
24	0 - 7.25 psi	Gauge	4.5V	1369-01	5.0	1.0ms	-40 - 125	MPXV5050GP-ND	8.77	8.05	7.35
15	0 - 11.6 psi	Differential	4.3V	867-08	5.1	—	-40 - 105	MPX4080D-ND	9.04	7.57	6.84
14	2.2 - 16.7 psi	Absolute	4.7V	867B-04	5.0	1.0ms	0 - 85	MPX5100AP-ND	9.71	8.91	8.13
15	0 - 14.5 psi	Differential	4.7V	867-08	5.0	1.0ms	-40 - 125	MPX5100D-ND	9.71	8.13	7.34
14	0 - 14.5 psi	Gauge	4.7V	867B-04	5.0	1.0ms	0 - 85	MPX5100GP-ND	9.71	8.13	7.34
20	2.2 - 16.7 psi	Absolute	4.7V	1351-01	5.0	1.0ms	0 - 85	MPXV5100DP-ND	10.43	8.73	8.26
12	0 - 14.5 psi	Gauge	4.7V	482A-01	5.0	1.0ms	-40 - 125	MPXV5100GC6U-ND	10.43	9.57	8.26
19	2.2 - 16.7 psi	Absolute	4.7V	482C-03	5.0	1.0ms	0 - 85	MPXV5100GC7U-ND	10.43	8.73	8.26
15	0 - 36.3 psi	Differential	4.7V	867-08	5.1	1.0ms	-40 - 125	MPX4250D-ND	9.04	8.30	7.57
13	0 - 36.3 psi	Differential	4.7V	867C-05	5.0	1.0ms	-40 - 125	MPX4250DP-ND	9.04	7.57	6.84
15	0 - 72.5 psi	Differential	4.5V	867-08	5.0	1.0ms	-40 - 125	MPX6500D-ND	9.71	8.91	8.13
15	0 - 101.5 psi	Differential	4.5V	867-08	5.0	1.0ms	-40 - 125	MPX5700D-ND	9.71	8.13	7.34
13	0 - 101.5 psi	Differential	4.5V	867C-05	5.0	1.0ms	-40 - 125	MPX5700DP-ND	9.71	8.91	8.13
14	0 - 150 psi	Gauge	4.5V	867B-04	5.0	1.0ms	-40 - 125	MPX4115AP-ND	9.71	8.91	8.13
15	0 - 150 psi	Differential	4.7V	867-08	5.0	1.0ms	-40 - 125	MPX5999D-ND	9.71	8.91	8.13
15	2.2 - 16.7 psi	Absolute	4.6V	867-08	5.1	1.0ms	-40 - 125	MPX4115A-ND	9.04	8.30	7.57
14	2.2 - 16.7 psi	Absolute	4.6V	867B-04	5.1	1.0ms	-40 - 125	MPX4115AP-ND	9.04	7.57	6.84
16	2.2 - 16.7 psi	Absolute	4.6V	482-01	5.1	1.0ms	-40 - 125	MPXA4115AC6U-ND	13.90	12.76	11.01
12	2.2 - 16.7 psi	Absolute	4.6V	482A-01	5.1	1.0ms	-40 - 125	MPXA4115AC6U-ND	13.90	12.76	11.01
15	2.2 - 16.7 psi	Absolute	4.7V	867-08	5.0	1.0ms	-40 - 125	MPX5100A-ND	9.71	8.91	8.13
24	2.2 - 16.7 psi	Absolute	4.8V	1369-01	5.0	1.0ms	-40 - 125	MPXA26115AP-ND	10.96	9.18	8.68
16	2.2 - 16.7 psi	Absolute	4.5V	482-01	5.0	1.0ms	-40 - 125	MPXA6115AC6U-ND	10.43	9.57	8.26
12	2.2 - 16.7 psi	Absolute	4.5V	482A-01	5.0	1.0ms	-40 - 125	MPXA6115AC6U-ND	10.43	9.57	8.26
16	2.2 - 16.7 psi	Absolute	4.8V	482-01	5.1	1.0ms	-40 - 125	MPXAZ4115A6U-ND	14.60	13.40	12.22
12	2.2 - 16.7 psi	Absolute	4.8V	482A-01	5.1	1.0ms	-40 - 125	MPXAZ4115A6U-ND	14.60	13.40	12.22
18	2.2 - 16.7 psi	Absolute	4.5V	1317-04	5.0	1.0ms	-40 - 125	MPXH6115A6T1CT-ND	10.89	9.81	8.72
18	2.2 - 16.7 psi	Absolute	4.5V	1317-04	5.0	1.0ms	-40 - 125	MPXH6115A6T1TR-ND	7840.80/1,000	—	—
16	2.2 - 16.7 psi	Absolute	4.6V	482-01	5.0	1.0ms	-40 - 125	MPXA4115AP-ND	13.90	12.76	11.01
18	2.2 - 16.7 psi	Absolute	4.5V	482-01	5.0	1.0ms	-40 - 125	MPXAZ6115A6U-ND	10.96	10.06	9.18
12	2.2 - 16.7 psi	Absolute	4.5V	482A-01	5.0	1.0ms	-40 - 125	MPXAZ6115A6U-ND	10.96	10.06	9.18
18	2.2 - 16.7 psi	Absolute	4.5V	1317-04	5.0	1.0ms	-40 - 125	MPXH26115A6U-ND	10.96	10.06	9.18
25	2.2 - 16.7 psi	Absolute	4.5V	1317A-01	5.0	1.0ms	-40 - 125	MPXH26115AC6T1CT-ND	10.96	8.29	7.64
25	2.2 - 16.7 psi	Absolute	4.5V	1317A-01	5.0	1.0ms	-40 - 125	MPXH26115AC6T1TR-ND	2471.42/300	—	—
25	2.2 - 16.7 psi	Absolute	4.5V	1317A-03	5.0	1.0ms	-40 - 125	MPXH26115AC6U-ND	10.96	10.06	9.18
18	2.2 - 16.7 psi	Absolute	4.5V	1317-04	5.0	1.0ms	-40 - 125	MPXH6115A6U-ND	10.43	9.57	8.26
25	2.2 - 16.7 psi	Absolute	4.5V	1317A-01	5.0	1.0ms	-40 - 125	MPXH6115AC6T1CT-ND	10.43	7.89	7.27
25	2.2 - 16.7 psi	Absolute	4.5V	1317A-01	5.0	1.0ms	-40 - 125	MPXH6115AC6T1TR-ND	2352.24/300	—	—
25	2.2 - 16.7 psi	Absolute	4.5V	1317A-01	5.0	1.0ms	-40 - 125	MPXH6115AC6U-ND	10.43	9.57	8.26
16	2.9 - 15.2 psi	Absolute	4.9V	482-01	5.1	1.0ms	-40 - 125	MPXAZ4100A6U-ND	14.60	13.40	12.22
12	2.9 - 15.2 psi	Absolute	4.9V	482A-01	5.1	1.0ms	-40 - 125	MPXAZ4100A6U-ND	14.60	13.40	12.22
16	2.9 - 15.2 psi	Absolute	4.8V	867B-04	5.1	1.0ms	0 - 85	MPX4100AP-ND	12.04	10.08	8.40
12	2.9 - 15.2 psi	Absolute	4.8V	482-01	5.1	1.0ms	-40 - 125	MPXA4100A6U-ND	13.90	12.76	11.01
15	2.9 - 15.2 psi	Absolute	4.8V	482A-01	5.1	1.0ms	-40 - 125	MPXA4100A6U-ND	13.90	12.76	11.01
12	2.9 - 15.2 psi	Absolute	4.9V	867-08	5.0	1.0ms	-40 - 125	MPX4100A-ND	10.59	9.72	8.39
15	2.9 - 36.3 psi	Absolute	4.7V	867-08	5.1	1.0ms	-40 - 125	MPX4250A-ND	9.04	8.30	7.57
14	2.9 - 36.3 psi	Absolute	4.7V	867B-04	5.1	1.0ms	-40 - 125	MPX4250AP-ND	9.04	8.30	7.57
16	2.9 - 36.3 psi	Absolute	4.7V	482-01	5.1	1.0ms	-40 - 125	MPXA4250A6U-ND	13.90	12.76	11.01
12	2.9 - 36.3 psi	Absolute	4.7V	482A-01	5.1	1.0ms	-40 - 125	MPXA4250A6U-ND	13.90	12.76	11.01
18	2.18 - 14.8 psi	Absolute	4.7V	1317-04	5.1	15.0ms	-40 - 125	MPXH6101A6T1CT-ND	11.98	10.89	9.81
18	2.18 - 14.8 psi	Absolute	4.7V	1317-04	5.1	15.0ms	-40 - 125	MPXH6101A6T1TR-ND	7840.80/1,000	—	—
18	2.18 - 14.8 psi	Absolute	4.7V	1317-04	5.1	15.0ms	-40 - 125	MPXH6101A6U-ND	10.43	9.57	8.73
18	2.18 - 14.8 psi	Absolute	4.95V	1317-04	5.1	15.0ms	-40 - 125	MPXH6101A6U-ND	10.43	8.73	8.26
15	2.18 - 101.5 psi	Absolute	4.7V	867-08	5.0	1.0ms	-40 - 125	MPX5700A-ND	9.71	8.91	8.13
18	3.0 - 36 psi	Absolute	4.7V	1317-04	5.1	1.0ms	-40 - 125	MPXH6250A6U-ND	10.43	9.57	8.26
25	3.0 - 36 psi	Absolute	4.7V	1317A-01	5.1	1.0ms	-40 - 125	MPXH6250A6U-ND	10.43	9.57	8.26
18	3.0 - 42 psi	Absolute	4.6V	1317-04	5.1	1.0ms	-40 - 125	MPXH6300A6U-ND	10.43	9.57	8.26
25	3.0 - 42 psi	Absolute	4.6V	1317A-01	5.1	1.0ms	-40 - 125	MPXH6300A6U-ND	10.43	9.57	8.73
25	3.0 - 58 psi	Absolute	4.8V	1317A-03	5.0	1.0ms	-40 - 125	MPXH6400A6U-ND	10.43	8.73	8.26
25	3.0 - 58 psi	Absolute	4.6V	1317A-01	5.0	1.0ms	-40 - 125	MPXH6400AC6T1CT-ND	10.43	8.26	7.89
25	3.0 - 58 psi	Absolute	4.6V	1317A-01	5.0	1.0ms	-40 - 125	MPXH6400AC6T1TR-ND	2352.24/300	—	—
12	-16.7 - 2.2 psi	Differential	4.6V	482A-01	5.0	1.0ms	-40 - 125	MPXV4115V6C6U-ND	13.90	12.76	11.01
12	-16.7 - 2.2 psi	Differential	4.4V	482A-01	5.0	1.0ms	-40 - 125	MPXV6115V6C6U-ND	10.43	9.57	8.26
12	-7.25 - 0 psi	Differential	4.5V	482A-01	5.0	1.0ms	-40 - 125	MPXV5050V6C6T1CT-ND	10.43	8.73	—
12	-7.25 - 0 psi	Differential	4.5V	482A-01	5.0	1.0ms	-40 - 125	MPXV5050V6C6T1TR-ND	784.08/100	—	—
18	2.2 - 18.9 psi	Absolute	4.8V	1317-04	5.0	1.0ms	-40 - 125	MPXH26130A6U-ND	10.96	9.18	8.68
17	0 - 7.25 psi	Gauge	40mV	1320A-02	5.0	1.0ms	0 - 85	MPXM2051GS-ND	9.40	7.87	7.45
19	0 - 7.25 psi	Gauge	60mV	482C-03	5.0	1.0ms	0 - 85	MPXV53GC7U-ND	7.30	6.11	5.78
18	2.2 - 16.7 psi	Absolute	2.8V	1317-04	5.0	1.0ms	-40 - 125	MP3H6115A6U-ND	10.43	8.73	8.26
25	2.2 - 16.7 psi	Absolute	2.8V	1317A-03	5.0	1.0ms	-40 - 125	MP3H6115AC6U-ND	10.43	8.73	8.26

* Response time is defined as the time for the incremental change in output to go from 10% to 90% of its final value when subjected to a specified step change in pressure.

Proximity Sensors and Kits



Fig.	Supply (VDC)	Supply Current (A)	Operating Temperature (°C)	Package	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape & Reel Pricing 1,000	Freescale Part No.
						1	25	100			