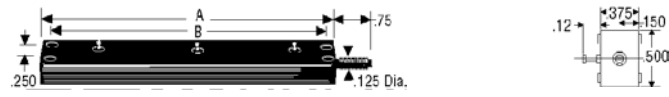


Visit Maurey Instruments' Website at [www.maureyinstrument.com](http://www.maureyinstrument.com)

**Wirewound and Conductive Plastic Linear Motion Potentiometers**



**American Made**

Light duty linear motion potentiometers combine the smallest size with high reliability, low shaft frictional force and low cost. For tight tolerances the wirewound unit is recommended. For severe environmental conditions the conductive plastic unit is a must. As an option, both units are available spring loaded in the extended position. Other resistance values are available. Contact your Allied representative.

**M1326 Wirewound**

Model M1326-1 — 1 Watt Potentiometer with 1" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	Dim.		EACH		
				A	B	1-4	5-9	10-24
606-1030	M1326-1-102	1K	0.6	2.00	1.80	155.90	150.70	145.84
606-1035	M1326-1-202	2K	0.5	2.00	1.80	163.67	150.70	145.84
606-1040	M1326-1-502	5K	0.4	2.00	1.80	155.90	150.70	145.84
606-1045	M1326-1-103	10K	0.3	2.00	1.80	155.90	150.70	145.84

Model M1326-2 — 2 Watt Potentiometer with 2" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	B	1-4	5-9	10-24
606-1230	M1326-2-102	1K	0.3	3.00	2.80	170.76	165.07	159.74
606-1240	M1326-2-502	5K	0.2	3.00	2.80	170.76	165.07	159.74
606-1245	M1326-2-103	10K	0.2	3.00	2.80	170.76	165.07	159.74

Model M1326-4 — 4 Watt Potentiometer with 4" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	B	1-4	5-9	10-24
606-2025	M1326-4-102	1K	0.2	5.00	4.80	200.48	193.80	187.55
606-2027	M1326-4-202	2K	0.2	5.00	4.80	200.48	193.80	187.55
606-2030	M1326-4-502	5K	0.2	5.00	4.80	200.48	193.80	187.55
606-2040	M1326-4-103	10K	0.1	5.00	4.80	200.48	193.80	187.55
606-2045	M1326-4-203	20K	0.1	5.00	4.80	200.48	193.80	187.55

**P1613 Conductive Plastic**

Model P1613-1 — 0.5 Watt Potentiometer with 1" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	B	1-4	5-9	10-24
606-4008	P1613-1-502	5K	2.0	2.00	1.80	175.34	169.50	164.03
606-4009	P1613-1-103	10K	2.0	2.00	1.80	188.78	182.48	176.80

Model P1613-2 — 1 Watt Potentiometer with 2" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	B	1-4	5-9	10-24
606-4018	P1613-2-502	5K	1.0	3.00	2.80	199.83	193.20	186.94
606-4019	P1613-2-103	10K	1.0	3.00	2.80	199.83	193.17	186.94

Model P1613-4 — 2 Watt Potentiometer with 4" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	B	1-4	5-9	10-24
606-4011	P1613-4-103	10K	0.5	5.00	4.80	253.97	245.50	237.58

\*Independent linearity.

**Wirewound and Conductive Plastic Linear Motion Precision Potentiometers**



**American Made**

Spherical rod-end bearings facilitate mounting. These are small, lightweight units with accuracy equal to our heavy duty linear motion potentiometers. The spherical bearings allow for ease of alignment and may be turned for positioning. We recommend using wirewound for best accuracy, conductive plastic for harsh environments. Other resistance values are available. Contact your Allied representative.

**M2078 Wirewound**

Model M2078-1 — 1 Watt Potentiometer with 1" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	Dim.		EACH		
				A	C	1-4	5-9	10-24
606-5100	M2078-1-102	1K	0.6	3.00	5.12	185.00	178.83	173.06
606-5105	M2078-1-502	5K	0.4	3.00	5.12	185.00	178.83	173.06
606-5110	M2078-1-103	10K	0.3	3.00	5.12	185.00	178.83	173.06

Model M2078-2 — 2 Watt Potentiometer with 2" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	C	1-4	5-9	10-24
606-5200	M2078-2-102	1K	0.3	4.00	6.12	221.62	214.23	207.32
606-5205	M2078-2-502	5K	0.2	4.00	6.12	221.62	214.23	207.32
606-5210	M2078-2-103	10K	0.2	4.00	6.12	221.62	214.23	207.32

Model M2078-4 — 4 Watt Potentiometer with 4" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	C	1-4	5-9	10-24
606-5400	M2078-4-102	1K	0.2	6.00	8.12	294.86	285.03	275.84
606-5405	M2078-4-502	5K	0.2	6.00	8.12	294.86	285.03	275.84
606-5410	M2078-4-103	10K	0.1	6.00	8.12	294.86	285.03	275.84

**P2080 Conductive Plastic**

Model P2080-1 — 0.5 Watt Potentiometer with 1" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	C	1-4	5-9	10-24
606-5160	P2080-1-103	10K	2.0	3.00	5.12	237.83	229.90	222.48

Model P2080-2 — 1 Watt Potentiometer with 2" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	C	1-4	5-9	10-24
606-5250	P2080-2-102	1K	1.0	4.00	6.12	284.55	275.07	266.19
606-5255	P2080-2-502	5K	1.0	4.00	6.12	284.55	275.07	266.19
606-5260	P2080-2-103	10K	1.0	4.00	6.12	284.55	275.07	266.19

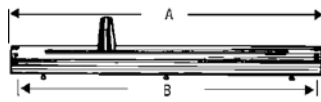
Model P2080-4 — 2 Watt Potentiometer with 4" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	C	1-4	5-9	10-24
606-5450	P2080-4-202	2K	0.5	6.00	8.12	378.00	365.40	353.61
606-5453	P2080-4-502	5K	0.5	6.00	8.12	378.00	365.40	353.61
606-5455	P2080-4-103	10K	0.5	6.00	8.12	378.00	365.40	353.61

\*Independent linearity.

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**Conductive Plastic Slide Potentiometer P2333**



**American Made**

Slide action linear motion potentiometer is the ideal choice for those applications requiring high reliability, infinite resolution and long life. The raised molded resistance track makes this unit capable to withstand dust, oil or moisture. This unit is available with optional rubber boot. Other resistance values are available. Contact your Allied representative.

Dash No.	Elect. Travel ±.05	Mech. Travel ±.05	A	B
-1	1.00	1.25	3.00	2.80
-2	2.00	2.25	4.00	3.80
-4	4.00	4.25	6.00	5.80

Model P2333-1 — 0.5 Watt Potentiometer with 1" Travel

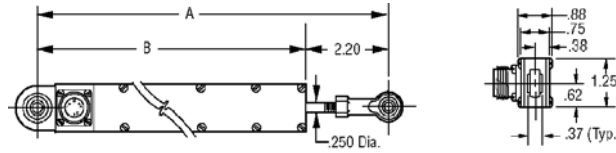
Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	EACH		
				1-4	5-9	10-24
606-0130	P2333-1-103	10K	2.0	193.55	187.10	181.06

Model P2333-4 — 2 Watt Potentiometer with 4" Travel

Stock No.	Mfr.'s Type	Ohms 5%	Lin. %*	A	B	1-4	5-9	10-24
606-0180	P2333-4-202	2K	0.5	267.10	258.20	249.87		
606-0190	P2333-4-502	5K	0.5	267.10	258.20	249.87		
606-0195	P2333-4-103	10K	0.5	267.10	258.20	249.87		

\*Independent linearity.

**M2028-Wirewound P1991-Conductive Plastic Linear Motion Potentiometers**



**American Made**

**Heavy Duty Linear Motion Potentiometers**

The M2028/P1991 potentiometers are used in industrial applications with hydraulic and mechanical actuators to measure and control linear motion. The MS connector and spherical bearings simplify installation. Both these units are available up to 15 inches of electrical travel. The Dash No. below represents the electrical travel available for ordering purposes, to be followed by the resistance value required. (Please contact your local Allied sales representative for specification sheet and cost).

Dash No.	Elect. Travel	Mech. Travel	Lin. ±%	A	B
-1	1.00	1.25	2.0	12.7	10.5
-2	2.00	2.25	1.0	12.7	10.5
-3	3.00	3.25	0.7	12.7	10.5
-4	4.00	4.25	0.5	12.7	10.5
-5	5.00	5.25	0.5	12.7	10.5
-6	6.00	6.25	0.5	18.0	15.8
-7	7.00	7.25	0.5	18.0	15.8
-8	8.00	8.25	0.5	18.0	15.8
-9	9.00	9.25	0.5	18.0	15.8
-10	10.00	10.25	0.5	18.0	15.8
-11	11.00	11.25	0.5	23.2	21.0
-12	12.00	12.25	0.5	23.2	21.0
-13	13.00	13.25	0.5	23.2	21.0
-14	14.00	14.25	0.5	23.2	21.0
-15	15.00	15.25	0.5	23.2	21.0

Turn To Section 1 For Allied Office Addresses and Local Phone Numbers

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