



## Jewell Instruments PB Series Catalog 2014

Meter Size		1½"	2½"	3½"	4½"
Range	Resistance (ohms)	Catalog #	Catalog #	Catalog #	Catalog #
<b>DC MICROAMMETERS – Taut band, moving coil: Zero left</b>					
0-50	4000	1PB-DUA-050	2PB-DUA-050	3PB-DUA-050	4PB-DUA-050
0-100	900	1PB-DUA-100	2PB-DUA-100	3PB-DUA-100	4PB-DUA-100
0-200	302	1PB-DUA-200	2PB-DUA-200	3PB-DUA-200	4PB-DUA-200
0-500	203	1PB-DUA-500	2PB-DUA-500	3PB-DUA-500	4PB-DUA-500
<b>DC MICROAMMETERS – Taut band, moving coil: Zero left, high torque, ruggedized movements</b>					
0-100	3000	T1PB-DUA-100	T2PB-DUA-100	T3PB-DUA-100	T4PB-DUA-100
0-200	870	T1PB-DUA-200	T2PB-DUA-200	T3PB-DUA-200	T4PB-DUA-200
0-500	530	T1PB-DUA-500	T2PB-DUA-500	T3PB-DUA-500	T4PB-DUA-500
<b>DC MICROAMMETERS – Taut band, moving coil: Zero center</b>					
25-0-25	4000	1PB-DUA-25U25	2PB-DUA-25U25	3PB-DUA-25U25	4PB-DUA-25U25
50-0-50	900	1PB-DUA-50U50	2PB-DUA-50U50	3PB-DUA-50U50	4PB-DUA-50U50
100-0-100	305	1PB-DUA-1H1	2PB-DUA-1H1	3PB-DUA-1H1	4PB-DUA-1H1
500-0-500	41	1PB-DUA-5H5	2PB-DUA-5H5	3PB-DUA-5H5	4PB-DUA-5H5
<b>DC MICROAMMETERS – Taut band, moving coil: Zero center, high torque, ruggedized movements</b>					
50-0-50	3000	T1PB-DUA-50U50	T2PB-DUA-50U50	T3PB-DUA-50U50	T4PB-DUA-50U50
100-0-100	870	T1PB-DUA-1H1	T2PB-DUA-1H1	T3PB-DUA-1H1	T4PB-DUA-1H1
500-0-500	185	T1PB-DUA-5H5	T2PB-DUA-5H5	T3PB-DUA-5H5	T4PB-DUA-5H5
<b>DC MILLIAMMETERS – Taut band, moving coil: Zero left</b>					
0-1	43.0	1PB-DMA-001	2PB-DMA-001	3PB-DMA-001	4PB-DMA-001
0-2	16.7	1PB-DMA-002	2PB-DMA-002	3PB-DMA-002	4PB-DMA-002
0-3	8.3	1PB-DMA-003	2PB-DMA-003	3PB-DMA-003	4PB-DMA-003
0-5	3.8	1PB-DMA-005	2PB-DMA-005	3PB-DMA-005	4PB-DMA-005
0-10	2.2	1PB-DMA-010	2PB-DMA-010	3PB-DMA-010	4PB-DMA-010
0-15	3.3	1PB-DMA-015	2PB-DMA-015	3PB-DMA-015	4PB-DMA-015
0-20	2.5	1PB-DMA-020	2PB-DMA-020	3PB-DMA-020	4PB-DMA-020
0-25	2.0	1PB-DMA-025	2PB-DMA-025	3PB-DMA-025	4PB-DMA-025
0-30	1.7	1PB-DMA-030	2PB-DMA-030	3PB-DMA-030	4PB-DMA-030
0-50	1.0	1PB-DMA-050	2PB-DMA-050	3PB-DMA-050	4PB-DMA-050
0-100	.50	1PB-DMA-100	2PB-DMA-100	3PB-DMA-100	4PB-DMA-100
0-150	.33	1PB-DMA-150	2PB-DMA-150	3PB-DMA-150	4PB-DMA-150
0-200	.25	1PB-DMA-200	2PB-DMA-200	3PB-DMA-200	4PB-DMA-200
0-300	.166	1PB-DMA-300	2PB-DMA-300	3PB-DMA-300	4PB-DMA-300
0-500	.10	1PB-DMA-500	2PB-DMA-500	3PB-DMA-500	4PB-DMA-500
0-750	.066	1PB-DMA-750	2PB-DMA-750	3PB-DMA-750	4PB-DMA-750

Meter Size		1½"	2½"	3½"	4½"
Range	Resistance (ohms)	Catalog #	Catalog #	Catalog #	Catalog #
<b>DC MILLIAMMETERS – Taut band, moving coil: Zero left, high torque, ruggedized movements</b>					
0-1	186	T1PB-DMA-001	T2PB-DMA-001	T3PB-DMA-001	T4PB-DMA-001
0-2	35	T1PB-DMA-002	T2PB-DMA-002	T3PB-DMA-002	T4PB-DMA-002
0-3	16	T1PB-DMA-003	T2PB-DMA-003	T3PB-DMA-003	T4PB-DMA-003
0-5	6	T1PB-DMA-005	T2PB-DMA-005	T3PB-DMA-005	T4PB-DMA-005
0-10	3.3	T1PB-DMA-010	T2PB-DMA-010	T3PB-DMA-010	T4PB-DMA-010
<b>DC MILLIAMMETERS – Taut band, moving coil: Zero left, very high torque, ruggedized movements</b>					
0-1	650	HT1PB-DMA-001	HT2PB-DMA-001	HT3PB-DMA-001	HT4PB-DMA-001
0-2	250	HT1PB-DMA-002	HT2PB-DMA-002	HT3PB-DMA-002	HT4PB-DMA-002
0-5	36	HT1PB-DMA-005	HT2PB-DMA-005	HT3PB-DMA-005	HT4PB-DMA-005
<b>DC MILLIAMMETERS – Taut band, moving coil: Zero center</b>					
1-0-1	35.0	1PB-DMA-1U1	2PB-DMA-1U1	3PB-DMA-1U1	4PB-DMA-1U1
5-0-5	3.4	1PB-DMA-5U5	2PB-DMA-5U5	3PB-DMA-5U5	4PB-DMA-5U5
10-0-10	1.8	1PB-DMA-10U10	2PB-DMA-10U10	3PB-DMA-10U10	4PB-DMA-10U10
25-0-25	2.0	1PB-DMA-25U25	2PB-DMA-25U25	3PB-DMA-25U25	4PB-DMA-25U25
50-0-50	1.0	1PB-DMA-50U50	2PB-DMA-50U50	3PB-DMA-50U50	4PB-DMA-50U50
100-0-100	.50	1PB-DMA-1H1	2PB-DMA-1H1	3PB-DMA-1H1	4PB-DMA-1H1
200-0-200	.25	1PB-DMA-2H2	2PB-DMA-2H2	3PB-DMA-2H2	4PB-DMA-2H2
500-0-500	.10	1PB-DMA-5H5	2PB-DMA-5H5	3PB-DMA-5H5	4PB-DMA-5H5
<b>DC MILLIAMMETERS – Taut band, moving coil: Zero center, high torque, ruggedized movements</b>					
1-0-1	250	T1PB-DMA-1U1	T2PB-DMA-1U1	T3PB-DMA-1U1	T4PB-DMA-1U1
<b>DC MILLIAMMETERS – Taut band, moving coil: Suppressed zero (indicating receiving gauge applications)*</b>					
0.25-1.25	35	N1PB-DMA-00125	N2PB-DMA-00125	N3PB-DMA-00125	N4PB-DMA-00125
1-5	5	N1PB-DMA-005	N2PB-DMA-005	N3PB-DMA-005	N4PB-DMA-005
4-20	6.6	N1PB-DMA-020	N2PB-DMA-020	N3PB-DMA-020	N4PB-DMA-020
10-50	2.0	N1PB-DMA-050	N2PB-DMA-050	N3PB-DMA-050	N4PB-DMA-050
*These meters are supplied with 0-100 dial labeled PERCENT. They can be supplied with custom dials.					
<b>DC AMMETERS – Taut band, moving coil: Zero left, self-contained</b>					
0-1	.050	1PB-DAA-001	2PB-DAA-001	3PB-DAA-001	4PB-DAA-001
0-1.5	.033	1PB-DAA-001.5	2PB-DAA-001.5	3PB-DAA-001.5	4PB-DAA-001.5
0-2	.025	1PB-DAA-002	2PB-DAA-002	3PB-DAA-002	4PB-DAA-002
0-3	.0166	1PB-DAA-003	2PB-DAA-003	3PB-DAA-003	4PB-DAA-003
0-5	.010	1PB-DAA-005	2PB-DAA-005	3PB-DAA-005	4PB-DAA-005
0-10	.0050	1PB-DAA-010	2PB-DAA-010	3PB-DAA-010	4PB-DAA-010
0-15	.0033		2PB-DAA-015	3PB-DAA-015	4PB-DAA-015
0-20	.0025		2PB-DAA-020	3PB-DAA-020	4PB-DAA-020
0-25	.0020		2PB-DAA-025	3PB-DAA-025	4PB-DAA-025
0-30	.0015		2PB-DAA-030	3PB-DAA-030	4PB-DAA-030
0-50	.0010		2PB-DAA-050	3PB-DAA-050	4PB-DAA-050
<b>DC AMMETERS – Taut band, moving coil: Zero left, 50mV, shunt rated</b>					
0-75	10	1PBS-DAA-075	2PBS-DAA-075	3PBS-DAA-075	4PBS-DAA-075
0-100	10	1PBS-DAA-100	2PBS-DAA-100	3PBS-DAA-100	4PBS-DAA-100
0-150	10	1PBS-DAA-150	2PBS-DAA-150	3PBS-DAA-150	4PBS-DAA-150

0-200	10	1PBS-DAA-200	2PBS-DAA-200	3PBS-DAA-200	4PBS-DAA-200
0-300	10	1PBS-DAA-300	2PBS-DAA-300	3PBS-DAA-300	4PBS-DAA-300
0-500	10	1PBS-DAA-500	2PBS-DAA-500	3PBS-DAA-500	4PBS-DAA-500
0-750	10	1PBS-DAA-750	2PBS-DAA-750	3PBS-DAA-750	4PBS-DAA-750
0-1000	10	1PBS-DAA-1000	2PBS-DAA-1000	3PBS-DAA-1000	4PBS-DAA-1000
0-1200	10	1PBS-DAA-1200	2PBS-DAA-1200	3PBS-DAA-1200	4PBS-DAA-1200
0-1500	10	1PBS-DAA-1500	2PBS-DAA-1500	3PBS-DAA-1500	4PBS-DAA-1500
0-2000	10	1PBS-DAA-2000	2PBS-DAA-2000	3PBS-DAA-2000	4PBS-DAA-2000
<b>DC AMMETERS – Taut band, moving coil: Zero left, 100mV, shunt rated</b>					
0-75	20	E1PB-DAA-075	E2PB-DAA-075	E3PB-DAA-075	E4PB-DAA-075
0-100	20	E1PB-DAA-100	E2PB-DAA-100	E3PB-DAA-100	E4PB-DAA-100
0-150	20	E1PB-DAA-150	E2PB-DAA-150	E3PB-DAA-150	E4PB-DAA-150
0-200	20	E1PB-DAA-200	E2PB-DAA-200	E3PB-DAA-200	E4PB-DAA-200
0-300	20	E1PB-DAA-300	E2PB-DAA-300	E3PB-DAA-300	E4PB-DAA-300
0-500	20	E1PB-DAA-500	E2PB-DAA-500	E3PB-DAA-500	E4PB-DAA-500
0-750	20	E1PB-DAA-750	E2PB-DAA-750	E3PB-DAA-750	E4PB-DAA-750
0-1000	20	E1PB-DAA-1000	E2PB-DAA-1000	E3PB-DAA-1000	E4PB-DAA-1000
0-1200	20	E1PB-DAA-1200	E2PB-DAA-1200	E3PB-DAA-1200	E4PB-DAA-1200
0-1500	20	E1PB-DAA-1500	E2PB-DAA-1500	E3PB-DAA-1500	E4PB-DAA-1500
0-2000	20	E1PB-DAA-2000	E2PB-DAA-2000	E3PB-DAA-2000	E4PB-DAA-2000
<b>DC AMMETERS – Taut band, moving coil: Zero center, self-contained</b>					
1-0-1	.050	1PB-DAA-1U1	2PB-DAA-1U1	3PB-DAA-1U1	4PB-DAA-1U1
3-0-3	.016	1PB-DAA-3U3	2PB-DAA-3U3	3PB-DAA-3U3	4PB-DAA-3U3
5-0-5	.010	1PB-DAA-5U5	2PB-DAA-5U5	3PB-DAA-5U5	4PB-DAA-5U5
10-0-10	.005	1PB-DAA-10U10	2PB-DAA-10U10	3PB-DAA-10U10	4PB-DAA-10U10
15-0-15	.003		2PB-DAA-15U15	3PB-DAA-15U15	4PB-DAA-15U15
25-0-25	.002		2PB-DAA-25U25	3PB-DAA-25U25	4PB-DAA-25U25
50-0-50	.001		2PB-DAA-50U50	3PB-DAA-50U50	4PB-DAA-50U50
<b>DC AMMETERS – Taut band, moving coil: Zero center, 50mV, shunt rated</b>					
75-0-75	10	1PBS-DAA-75U75	2PBS-DAA-75U75	3PBS-DAA-75U75	4PBS-DAA-75U75
100-0-100	10	1PBS-DAA-1H1	2PBS-DAA-1H1	3PBS-DAA-1H1	4PBS-DAA-1H1
200-0-200	10	1PBS-DAA-2H2	2PBS-DAA-2H2	3PBS-DAA-2H2	4PBS-DAA-2H2
300-0-300	10	1PBS-DAA-3H3	2PBS-DAA-3H3	3PBS-DAA-3H3	4PBS-DAA-3H3
400-0-400	10	1PBS-DAA-4H4	2PBS-DAA-4H4	3PBS-DAA-4H4	4PBS-DAA-4H4
500-0-500	10	1PBS-DAA-5H5	2PBS-DAA-5H5	3PBS-DAA-5H5	4PBS-DAA-5H5
<b>DC MILLIVOLTMETERS – Taut band, moving coil: Zero left</b>					
0-50	10 $\Omega$	1PB-DMV-050	2PB-DMV-050	3PB-DMV-050	4PB-DMV-050
0-100	20 $\Omega$	1PB-DMV-100	2PB-DMV-100	3PB-DMV-100	4PB-DMV-100
<b>DC MILLIVOLTMETERS – Taut band, moving coil: Zero center</b>					
50-0-50	10 $\Omega$	1PB-DMV-50U50	2PB-DMV-50U50	3PB-DMV-50U50	4PB-DMV-50U50
100-0-100	20 $\Omega$	1PB-DMV-1H1	2PB-DMV-1H1	3PB-DMV-1H1	4PB-DMV-1H1
<b>DC VOLTMETERS – Taut band, moving coil: Zero left</b>					
0-1	1000 $\Omega/V$	1PB-DVV-001	2PB-DVV-001	3PB-DVV-001	4PB-DVV-001
0-1.5	1000 $\Omega/V$	1PB-DVV-0015	2PB-DVV-0015	3PB-DVV-0015	4PB-DVV-0015
0-2	1000 $\Omega/V$	1PB-DVV-002	2PB-DVV-002	3PB-DVV-002	4PB-DVV-002
0-3	1000 $\Omega/V$	1PB-DVV-003	2PB-DVV-003	3PB-DVV-003	4PB-DVV-003
0-5	1000 $\Omega/V$	1PB-DVV-005	2PB-DVV-005	3PB-DVV-005	4PB-DVV-005

0-10	1000Ω/V	1PB-DVV-010	2PB-DVV-010	3PB-DVV-010	4PB-DVV-010
0-15	1000Ω/V	1PB-DVV-015	2PB-DVV-015	3PB-DVV-015	4PB-DVV-015
0-20	1000Ω/V	1PB-DVV-020	2PB-DVV-020	3PB-DVV-020	4PB-DVV-020
0-25	1000Ω/V	1PB-DVV-025	2PB-DVV-025	3PB-DVV-025	4PB-DVV-025
0-30	1000Ω/V	1PB-DVV-030	2PB-DVV-030	3PB-DVV-030	4PB-DVV-030
0-40	1000Ω/V	1PB-DVV-040	2PB-DVV-040	3PB-DVV-040	4PB-DVV-040
0-50	1000Ω/V	1PB-DVV-050	2PB-DVV-050	3PB-DVV-050	4PB-DVV-050
0-75	1000Ω/V	1PB-DVV-075	2PB-DVV-075	3PB-DVV-075	4PB-DVV-075
0-80	1000Ω/V	1PB-DVV-080	2PB-DVV-080	3PB-DVV-080	4PB-DVV-080
0-100	1000Ω/V	1PB-DVV-100	2PB-DVV-100	3PB-DVV-100	4PB-DVV-100
0-150	1000Ω/V	1PB-DVV-150	2PB-DVV-150	3PB-DVV-150	4PB-DVV-150
0-200	1000Ω/V	1PB-DVV-200	2PB-DVV-200	3PB-DVV-200	4PB-DVV-200
0-250	1000Ω/V	1PB-DVV-250	2PB-DVV-250	3PB-DVV-250	4PB-DVV-250
0-300	1000Ω/V	1PB-DVV-300	2PB-DVV-300	3PB-DVV-300	4PB-DVV-300
0-500	1000Ω/V	1PB-DVV-500	2PB-DVV-500	3PB-DVV-500	4PB-DVV-500
0-600	10KΩ/V	1PB-DVV-600	2PB-DVV-600	3PB-DVV-600	4PB-DVV-600
0-750	10KΩ/V	1PB-DVV-750	2PB-DVV-750	3PB-DVV-750	4PB-DVV-750
0-1000	10KΩ/V	1PB-DVV-1000	2PB-DVV-1000	3PB-DVV-1000	4PB-DVV-1000
<b>DC VOLTMETERS – Taut band, moving coil: Zero center</b>					
5-0-5	1000Ω/V	1PB-DVV-5U5	2PB-DVV-5U5	3PB-DVV-5U5	4PB-DVV-5U5
10-0-10	1000Ω/V	1PB-DVV-10U10	2PB-DVV-10U10	3PB-DVV-10U10	4PB-DVV-10U10
15-0-15	1000Ω/V	1PB-DVV-15U15	2PB-DVV-15U15	3PB-DVV-15U15	4PB-DVV-15U15
25-0-25	1000Ω/V	1PB-DVV-25U25	2PB-DVV-25U25	3PB-DVV-25U25	4PB-DVV-25U25
50-0-50	1000Ω/V	1PB-DVV-50U50	2PB-DVV-50U50	3PB-DVV-50U50	4PB-DVV-50U50
100-0-100	1000Ω/V	1PB-DVV-1H1	2PB-DVV-1H1	3PB-DVV-1H1	4PB-DVV-1H1
150-0-150	1000Ω/V	1PB-DVV-1.5H1.5	2PB-DVV-1.5H1.5	3PB-DVV-1.5H1.5	4PB-DVV-1.5H1.5
300-0-300	1000Ω/V	1PB-DVV-3H3	2PB-DVV-3H3	3PB-DVV-3H3	4PB-DVV-3H3
500-0-500	1000Ω/V	1PB-DVV-5H5	2PB-DVV-5H5	3PB-DVV-5H5	4PB-DVV-5H5
600-0-600	10KΩ/V	1PB-DVV-6H6	2PB-DVV-6H6	3PB-DVV-6H6	4PB-DVV-6H6
<b>DC VOLTMETERS – Taut band, moving coil: Zero left &amp; zero center, high torque, ruggedized movements</b>					
All DC voltmeters are also available in high torque versions with identical range and terminal resistance. To order add the prefix letter "T" to the model number.					
<b>AC MILLIAMMETERS – Taut band, moving coil: Self-contained, rectifier type</b>					
0-1	1110	1PB-AMA-001	2PB-AMA-001	3PB-AMA-001	4PB-AMA-001
0-5	260	1PB-AMA-005	2PB-AMA-005	3PB-AMA-005	4PB-AMA-005
0-10	140	1PB-AMA-010	2PB-AMA-010	3PB-AMA-010	4PB-AMA-010
0-25	90.0	1PB-AMA-025	2PB-AMA-025	3PB-AMA-025	4PB-AMA-025
0-50	45.0	1PB-AMA-050	2PB-AMA-050	3PB-AMA-050	4PB-AMA-050
0-100	6.0	1PB-AMA-100	2PB-AMA-100	3PB-AMA-100	4PB-AMA-100
0-200	1.5		2PB-AMA-200	3PB-AMA-200	4PB-AMA-200
0-500	0.4		2PB-AMA-500	3PB-AMA-500	4PB-AMA-500
<b>AC MILLIAMMETERS – Iron Vane: Self-contained, 60 Hz nominal input (50-400Hz range)</b>					
0-10	2600		2PB-AMC-010	3PB-AMC-010	4PB-AMC-010
0-25	430		2PB-AMC-025	3PB-AMC-025	4PB-AMC-025
0-50	105		2PB-AMC-050	3PB-AMC-050	4PB-AMC-050
0-100	27		2PB-AMC-100	3PB-AMC-100	4PB-AMC-100
0-250	4.3		2PB-AMC-250	3PB-AMC-250	4PB-AMC-250
0-500	1.1		2PB-AMC-500	3PB-AMC-500	4PB-AMC-500
<b>AC AMMETERS – Taut band, moving coil: Self-contained, rectifier type</b>					

0-1	.07		2PB-AAA-001	3PB-AAA-001	4PB-AAA-001
0-1.5	.05		2PB-AAA-0015	3PB-AAA-0015	4PB-AAA-0015
0-2	.04		2PB-AAA-002	3PB-AAA-002	4PB-AAA-002
0-3	.025		2PB-AAA-003	3PB-AAA-003	4PB-AAA-003
0-5	.015		2PB-AAA-005	3PB-AAA-005	4PB-AAA-005
0-10	.0075		2PB-AAA-010	3PB-AAA-010	4PB-AAA-010
0-15	.005		2PB-AAA-015	3PB-AAA-015	4PB-AAA-015
0-20	.004		2PB-AAA-020	3PB-AAA-020	4PB-AAA-020
0-25	.0037		2PB-AAA-025	3PB-AAA-025	4PB-AAA-025
0-30	.0025		2PB-AAA-030	3PB-AAA-030	4PB-AAA-030
0-50	.0015		2PB-AAA-050	3PB-AAA-050	4PB-AAA-050
<b>AC AMMETERS – Taut band, moving coil: Transformer rated, 0-5A, rectifier type</b>					
0-60	.015	1PB-AAAX-060	2PB-AAAX-060	3PB-AAAX-060	4PB-AAAX-060
0-75	.015	1PB-AAAX-075	2PB-AAAX-075	3PB-AAAX-075	4PB-AAAX-075
0-100	.015	1PB-AAAX-100	2PB-AAAX-100	3PB-AAAX-100	4PB-AAAX-100
0-150	.015	1PB-AAAX-150	2PB-AAAX-150	3PB-AAAX-150	4PB-AAAX-150
0-200	.015	1PB-AAAX-200	2PB-AAAX-200	3PB-AAAX-200	4PB-AAAX-200
0-300	.015	1PB-AAAX-300	2PB-AAAX-300	3PB-AAAX-300	4PB-AAAX-300
0-400	.015	1PB-AAAX-400	2PB-AAAX-400	3PB-AAAX-400	4PB-AAAX-400
0-500	.015	1PB-AAAX-500	2PB-AAAX-500	3PB-AAAX-500	4PB-AAAX-500
0-600	.015	1PB-AAAX-600	2PB-AAAX-600	3PB-AAAX-600	4PB-AAAX-600
0-800	.015	1PB-AAAX-800	2PB-AAAX-800	3PB-AAAX-800	4PB-AAAX-800
0-1000	.015	1PB-AAAX-1000	2PB-AAAX-1000	3PB-AAAX-1000	4PB-AAAX-1000
0-1500	.015	1PB-AAAX-1500	2PB-AAAX-1500	3PB-AAAX-1500	4PB-AAAX-1500
0-2000	.015	1PB-AAAX-2000	2PB-AAAX-2000	3PB-AAAX-2000	4PB-AAAX-2000
<b>AC MILLIAMMETERS &amp; AC AMMETERS – Taut band, moving coil: High torque, ruggedized movements</b>					
All AC milliammeters and AC Ammeters are also available in high torque versions with identical range and terminal resistance. To order, add the prefix letter “T” to the model number.					
<b>AC AMMETERS – Iron vane: Self-contained, 60Hz nominal input (50-400Hz range)</b>					
0-1	0.26		2PB-AAC-001	3PB-AAC-001	4PB-AAC-001
0-1.5	0.12		2PB-AAC-0015	3PB-AAC-0015	4PB-AAC-0015
0-2	0.07		2PB-AAC-002	3PB-AAC-002	4PB-AAC-002
0-3	0.048		2PB-AAC-003	3PB-AAC-003	4PB-AAC-003
0-5	0.022		2PB-AAC-005	3PB-AAC-005	4PB-AAC-005
0-10	0.005		2PB-AAC-010	3PB-AAC-010	4PB-AAC-010
0-15	0.003		2PB-AAC-015	3PB-AAC-015	4PB-AAC-015
0-20	0.002		2PB-AAC-020	3PB-AAC-020	4PB-AAC-020
0-25	0.002		2PB-AAC-025	3PB-AAC-025	4PB-AAC-025
0-30	0.0015		2PB-AAC-030	3PB-AAC-030	4PB-AAC-030
0-50	0.001		2PB-AAC-050	3PB-AAC-050	4PB-AAC-050
<b>AC AMMETERS – Iron vane: Transformer rated, 0-5A, 60Hz nominal input (50-400Hz range)*</b>					
0-60	0.022		2PB-AACX-060	3PB-AACX-060	4PB-AACX-060
0-75	0.022		2PB-AACX-075	3PB-AACX-075	4PB-AACX-075
0-100	0.022		2PB-AACX-100	3PB-AACX-100	4PB-AACX-100
0-150	0.022		2PB-AACX-150	3PB-AACX-150	4PB-AACX-150
0-200	0.022		2PB-AACX-200	3PB-AACX-200	4PB-AACX-200
0-300	0.022		2PB-AACX-300	3PB-AACX-300	4PB-AACX-300
0-500	0.022		2PB-AACX-500	3PB-AACX-500	4PB-AACX-500

0-600	0.022		2PB-AACX-600	3PB-AACX-600	4PB-AACX-600
0-800	0.022		2PB-AACX-800	3PB-AACX-800	4PB-AACX-800
0-1000	0.022		2PB-AACX-1000	3PB-AACX-1000	4PB-AACX-1000
0-1500	0.022		2PB-AACX-1500	3PB-AACX-1500	4PB-AACX-1500
0-2000	0.022		2PB-AACX-2000	3PB-AACX-2000	4PB-AACX-2000
<b>*0-5A AC ammeter with scales as indicated, for use with external current transformers.</b>					
<b>AC VOLTMETERS – Taut band, moving coil: Self-contained, rectifier type</b>					
0-3	900Ω/V	1PB-AVV-003	2PB-AVV-003	3PB-AVV-003	4PB-AVV-003
0-5	900Ω/V	1PB-AVV-005	2PB-AVV-005	3PB-AVV-005	4PB-AVV-005
0-10	900Ω/V	1PB-AVV-010	2PB-AVV-010	3PB-AVV-010	4PB-AVV-010
0-15	900Ω/V	1PB-AVV-015	2PB-AVV-015	3PB-AVV-015	4PB-AVV-015
0-25	900Ω/V	1PB-AVV-025	2PB-AVV-025	3PB-AVV-025	4PB-AVV-025
0-50	900Ω/V	1PB-AVV-050	2PB-AVV-050	3PB-AVV-050	4PB-AVV-050
0-100	900Ω/V	1PB-AVV-100	2PB-AVV-100	3PB-AVV-100	4PB-AVV-100
0-150	900Ω/V	1PB-AVV-150	2PB-AVV-150	3PB-AVV-150	4PB-AVV-150
0-300	900Ω/V	1PB-AVV-300	2PB-AVV-300	3PB-AVV-300	4PB-AVV-300
0-500	900Ω/V	1PB-AVV-500	2PB-AVV-500	3PB-AVV-500	4PB-AVV-500
0-600	900Ω/V	1PB-AVV-600	2PB-AVV-600	3PB-AVV-600	4PB-AVV-600
<b>AC VOLTMETERS – Taut band, moving coil: Transformer rated, 0-150V, rectifier type*</b>					
0-750		1PB-AVVX-750	2PB-AVVX-750	3PB-AVVX-750	4PB-AVVX-750
0-1500		1PB-AVVX-1500	2PB-AVVX-1500	3PB-AVVX-1500	4PB-AVVX-1500
0-3000		1PB-AVVX-3000	2PB-AVVX-3000	3PB-AVVX-3000	4PB-AVVX-3000
<b>AC VOLTMETERS – Taut band, moving coil: High torque ruggedized movements</b>					
<b>AC voltmeters in high torque versions with identical range and terminal resistance. To order, add the prefix "T".</b>					
<b>AC VOLTMETERS – Iron vane: Self-contained, 60Hz nominal input (50Hz with slightly reduced accuracy)</b>					
0-3	11.1		2PB-AVC-003	3PB-AVC-003	4PB-AVC-003
0-5	25		2PB-AVC-005	3PB-AVC-005	4PB-AVC-005
0-10	100		2PB-AVC-010	3PB-AVC-010	4PB-AVC-010
0-15	225		2PB-AVC-015	3PB-AVC-015	4PB-AVC-015
0-30	900		2PB-AVC-030	3PB-AVC-030	4PB-AVC-030
0-50	3K		2PB-AVC-050	3PB-AVC-050	4PB-AVC-050
0-100	12K		2PB-AVC-100	3PB-AVC-100	4PB-AVC-100
0-150	30K		2PB-AVC-150	3PB-AVC-150	4PB-AVC-150
0-300	90K		2PB-AVC-300	3PB-AVC-300	4PB-AVC-300
0-500	150K		2PB-AVC-500	3PB-AVC-500	4PB-AVC-500
0-600	175K		2PB-AVC-600	3PB-AVC-600	4PB-AVC-600
<b>AC VOLTMETERS – Iron vane: Transformer rated, 0-150V, 60Hz nominal input *</b>					
0-600	30K		2PB-AVCX-600	3PB-AVCX-600	4PB-AVCX-600
0-750	30K		2PB-AVCX-750	3PB-AVCX-750	4PB-AVCX-750
0-1500	30K		2PB-AVCX-1500	3PB-AVCX-1500	4PB-AVCX-1500
0-3000	30K		2PB-AVCX-3000	3PB-AVCX-3000	4PB-AVCX-3000
<b>*0-150V AC voltmeters with scale as indicated, for use with external potential transformer.</b>					
<b>AC VOLTMETERS – Iron vane: Self-contained, 400Hz nominal input</b>					
0-50	3K		2PB-AVD-050	3PB-AVD-050	4PB-AVD-050
0-150	30K		2PB-AVD-150	3PB-AVD-150	4PB-AVD-150
0-300	90K		2PB-AVD-300	3PB-AVD-300	4PB-AVD-300
<b>FREQUENCY METERS – Pointer Type Electronic</b>					

Freq. Range	Input V	Accuracy			
45-65	120 VAC	±.6Hz	2PB-FRQ-55/120-20	3PB-FRQ-55/120-20	4PB-FRQ-55/120-20
45-55	120 VAC	±.3Hz	2PB-FRQ-50/120-10	3PB-FRQ-50/120-10	4PB-FRQ-50/120-10
55-65	120 VAC	±.3Hz	2PB-FRQ-60/120-10	3PB-FRQ-60/120-10	4PB-FRQ-60/120-10
380-420	120 VAC	±1.2Hz	2PB-FRQ-400/120-40	3PB-FRQ-400/120-40	4PB-FRQ-400/120-40
45-55	230 VAC	±.3Hz	2PB-FRQ-50/230-10	3PB-FRQ-50/230-10	4PB-FRQ-50/230-10
55-65	230 VAC	±.3Hz	2PB-FRQ-60/230-10	3PB-FRQ-60/230-10	4PB-FRQ-60/230-10
380-420	230 VAC	±1.2Hz	2PB-FRQ-400/230-40	3PB-FRQ-400/230-40	4PB-FRQ-400/230-40

**PYROMETERS – Taut band, moving coil**

Temp Range °F	Temp Range °C	Ext. Res. Ohms*	Thermo-couple Type**	1½” Catalog #	2½” Catalog #	3½” Catalog #	4½” Catalog #
-100/+600	-70/+310	10	E	1PB-PYR-E600	2PB-PYR-E600	3PB-PYR-E600	4PB-PYR-E600
-100/+1100	-70/+600	10	E	1PB-PYR-E1100	2PB-PYR-E1100	3PB-PYR-E1100	4PB-PYR-E1100
0/+300	-20/+150	5	J	1PB-PYR-J300	2PB-PYR-J300	3PB-PYR-J300	4PB-PYR-J300
0/+300	-20/+150	5	E	1PB-PYR-E300	2PB-PYR-E300	3PB-PYR-E300	4PB-PYR-E300
0/+500	-20/+260	10	J	1PB-PYR-J500	2PB-PYR-J500	3PB-PYR-J500	4PB-PYR-J500
0/+500	-20/+260	10	E	1PB-PYR-E500	2PB-PYR-E500	3PB-PYR-E500	4PB-PYR-E500
0/+800	-20/+430	10	J	1PB-PYR-J800	2PB-PYR-J800	3PB-PYR-J800	4PB-PYR-J800
0/+800	-20/+430	10	E	1PB-PYR-E800	2PB-PYR-E800	3PB-PYR-E800	4PB-PYR-E800
0/+1000	-20/+540	10	J	1PB-PYR-E1000	2PB-PYR-E1000	3PB-PYR-E1000	4PB-PYR-E1000
0/+1000	-20/+540	10	E	1PB-PYR-J1000	2PB-PYR-J1000	3PB-PYR-J1000	4PB-PYR-J1000
0/+1000	-20/+540	10	K	1PB-PYR-K1000	2PB-PYR-K1000	3PB-PYR-K1000	4PB-PYR-K1000
0/+1500	-20/+820	10	E	1PB-PYR-E1500	2PB-PYR-E1500	3PB-PYR-E1500	4PB-PYR-E1500
0/+1500	-20/+820	10	K	1PB-PYR-K1500	2PB-PYR-K1500	3PB-PYR-K1500	4PB-PYR-K1500
0/+2000	-20/+1100	10	K	1PB-PYR-K2000	2PB-PYR-K2000	3PB-PYR-K2000	4PB-PYR-K2000
0/+3000	-20/+1650	10	R	1PB-PYR-R3000	2PB-PYR-R3000	3PB-PYR-R3000	4PB-PYR-R3000

\*Must be matched, ±1/4 ohm, with external resistance of thermocouple. \*\*J = iron/constantan, E = chromel/constantan, K = chromel/alumel, R = platinum/platinum – 13% rhodium.