

Jewell AC Current and Voltage Meters

Modutec PB Series

- Four Display Sizes: 1½", 2½", 3½", and 4½"
- Shielded Taut-Band Movement
- Large, Easy to Read Scale



PB Series

These meters are available in both moving coil (rectifier type) and iron vane versions. The iron vane construction is relatively insensitive to input distortion. The rectifier type is less affected by frequency variations.

ORDERING INFORMATION

Use Ordering Code Guide to complete Part #. Insert Size Code in box 1.

AC Voltmeters - Self-contained, rectifier type, 900Ω/V

0-3	1	PB-AVV-003
0-5	1	PB-AVV-005
0-10	1	PB-AVV-010
0-15	1	PB-AVV-015
0-25	1	PB-AVV-025
0-50	1	PB-AVV-050
0-100	1	PB-AVV-100
0-150	1	PB-AVV-150
0-300	1	PB-AVV-300
0-500	1	PB-AVV-500
0-600	1	PB-AVV-600

AC Voltmeters - Transformer rated, 0-150V, rectifier type

0-750	1	PB-AVX-750
0-1500	1	PB-AVX-1500
0-3000	1	PB-AVX-3000

AC Voltmeters - Iron vane: self-contained, 60Hz nominal

0-3	1	PB-AVC-003 *
0-5	1	PB-AVC-005 *
0-10	1	PB-AVC-010 *
0-15	1	PB-AVC-015 *
0-30	1	PB-AVC-030 *
0-50	1	PB-AVC-050 *
0-100	1	PB-AVC-100 *
0-150	1	PB-AVC-150 *
0-300	1	PB-AVC-300 *
0-500	1	PB-AVC-500 *
0-600	1	PB-AVC-600 *

AC Voltmeters - Iron vane: transformer rated, 0-150V, 60Hz

0-600	1	PB-AVCX-600 *
0-750	1	PB-AVCX-750 *
0-1500	1	PB-AVCX-1500 *
0-3000	1	PB-AVCX-3000 *

SPECIFICATIONS

Model	PB Series			
Case Size	1½"	2½"	3½"	4½"
Size (H x W x D)	1.75 x 1.75 x 1.39"	2.70 x 2.70 x 1.77"	3.50 x 3.50 x 1.77"	4.41 x 4.85 x 1.84"
Barrel (cutout)	1.53"	2.20"	2.75"	2.79"
Scale Length	1.26"	2.10"	2.90"	4.00"

Accuracy	±2% iron vane type, ±3% AC rectifier type (60 Hz sinewave)
Repeatability	±2% iron vane, ±0.5% rectifier type
Response Time	1.5 sec. (except 3 sec. for ≤50μA full scale)

The PB series industrial panel board meters meet or exceed the requirements of ANSI C39.1. The mounting stud configuration complies with ANSI standards. Number of studs varies by size: 1½" meters - 2 studs; 2½" & 3½" meters - 3 studs; 4½" meters - 4 studs.

OPTIONS (WHERE APPLICABLE)

Custom Scaling	Color Bands
Mirror Scale	Custom Artwork
High Torque Movement	Heavy Damping

Also Available: VU Meters & Elapsed Time Meters

ORDERING INFORMATION

AC Milliammeters - Self-contained, rectifier type

0-1	1100 Ω	1	PB-AMA-001
0-5	260	1	PB-AMA-005
0-10	140	1	PB-AMA-010
0-25	90.0	1	PB-AMA-025
0-50	45.0	1	PB-AMA-050
0-100	6.0	1	PB-AMA-100
0-200	1.5	1	PB-AMA-200
0-500	.4	1	PB-AMA-500

AC Milliammeters - Iron vane: Self-contained, 60Hz nominal input (50-400Hz range)

0-10	2600	1	PB-AMC-010 *
0-25	430	1	PB-AMC-025 *
0-50	105	1	PB-AMC-050 *
0-100	27	1	PB-AMC-100 *
0-250	4.3	1	PB-AMC-250 *
0-500	1.1	1	PB-AMC-500 *

AC Ammeters - Self-contained, rectifier type

0-1	.07	1	PB-AAA-001 *
0-1.5	.05	1	PB-AAA-0015 *
0-2	.04	1	PB-AAA-002 *
0-3	.025	1	PB-AAA-003 *
0-5	.015	1	PB-AAA-005 *
0-10	.0075	1	PB-AAA-010 *
0-15	.005	1	PB-AAA-015 *
0-20	.004	1	PB-AAA-020 *
0-25	.0037	1	PB-AAA-025 *
0-30	.0025	1	PB-AAA-030 *
0-50	.0015	1	PB-AAA-050 *

AC Ammeters - Iron vane: Self-contained, 60Hz nominal input (50-400Hz range)

0-1	.20	1	PB-AAC-001 *
0-1.5	.012	1	PB-AAC-0015 *
0-2	.07	1	PB-AAC-002 *
0-3	.048	1	PB-AAC-003 *
0-5	.022	1	PB-AAC-005 *
0-10	.005	1	PB-AAC-010 *
0-15	.003	1	PB-AAC-015 *
0-20	.002	1	PB-AAC-020 *
0-25	.002	1	PB-AAC-025 *
0-30	.0015	1	PB-AAC-030 *
0-50	.001	1	PB-AAC-050 *

ORDERING CODE GUIDE

1	Insert Size Code:	CASE SIZE
1		1½"
2		2½"
3		3½"
4		4½"

ORDERING INFORMATION

AC Ammeters - Transformer rated, 0-5A, rectifier type

0-60	1	PB-AAAX-060
0-75	1	PB-AAAX-075
0-100	1	PB-AAAX-100
0-150	1	PB-AAAX-150
0-200	1	PB-AAAX-200
0-300	1	PB-AAAX-300
0-400	1	PB-AAAX-400
0-500	1	PB-AAAX-500
0-600	1	PB-AAAX-600
0-800	1	PB-AAAX-800
0-1000	1	PB-AAAX-1000
0-1500	1	PB-AAAX-1500
0-2000	1	PB-AAAX-2000

AC Ammeters - Iron vane: Transformer rated, 0-5A, 60Hz nominal input (50-400Hz range)

0-60	1	PB-AACX-060 *
0-75	1	PB-AACX-075 *
0-100	1	PB-AACX-100 *
0-150	1	PB-AACX-150 *
0-200	1	PB-AACX-200 *
0-300	1	PB-AACX-300 *
0-500	1	PB-AACX-500 *
0-600	1	PB-AACX-600 *
0-800	1	PB-AACX-800 *
0-1000	1	PB-AACX-1000 *
0-1500	1	PB-AACX-1500 *
0-2000	1	PB-AACX-2000 *

Frequency Meters - Pointer Type Electronic

45-65 Hz	120V	1	PB-55/120-20 *
45-55	120	1	PB-50/120-10 *
55-65	120	1	PB-60/120-10 *
380-420	120	1	PB-400/120-10 *
45-55	230	1	PB-50/230-10 *
55-65	230	1	PB-60/230-10 *

*not available in 1½" size