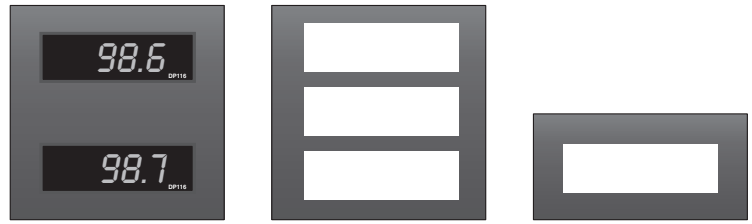
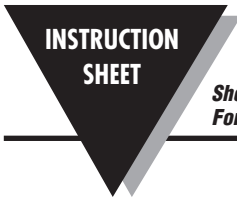




DP116-PB Series Adaptor Plates



(Meters sold separately)



M1279/0509

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The OMEGA® DP116-PB Series Adaptor plate allows you to mount miniature panel meters into standard 1/8 DIN or 1/4 DIN panel cutouts.

	DP116-PB1 With 1 cutout	DP116-PB2 With 2 Cutouts	DP116-PB3 With 3 Cutouts
Size of 1/8 DIN panel cutout	1.772" H x 3.622" W (45 x 92mm)	Not Applicable	Not Applicable
Size of 1/4 DIN panel cutout	Not Applicable	3.622" Sq (92mm Sq)	3.622" Sq (92mm Sq)
Size of miniature panel meter cutout	0.87" H x 2.69" W (22 x 68mm)	0.87" H x 2.69" W (22 x 68mm)	0.87" H x 2.69" W (22 x 68mm)
Thickness of Panel	0.055" to 0.130"* (1.40 to 3.30mm)	0.055" to 0.130"* (1.40 to 3.30mm)	0.055" to 0.130" (1.40 to 3.30mm)

*Up to 0.160" (4.06mm) thick plate can be accommodated if longer No. 4 self tapping screws are used.

Mounting Instructions

1. Locate in packing bag the following:
1 rectangular mounting plate,
4 screws, and 4 mounting clips..
2. Place a mounting clip on the plate over one of the holes so that the clip is oriented as a letter "d" (not a "b") and loosely fasten with the screw provided. Repeat for the other 3 clips. Refer to Figure 1a or 1b.

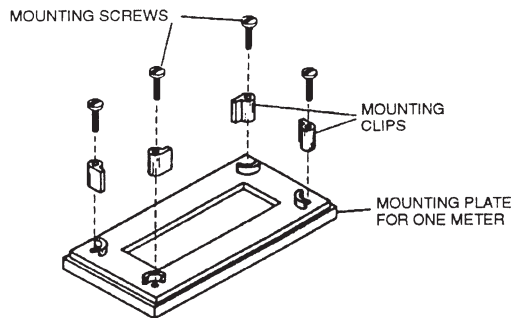


Figure 1a. Adaptor Assembly for 1/8 DIN Panel Cutout (DP116 -PB1 for one meter)

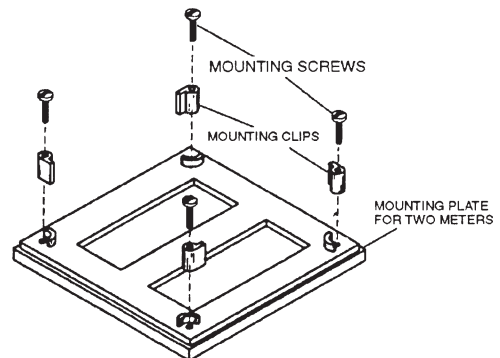


Figure 1b. Adaptor Assemblies for 1/4 DIN Cutout (DP116-PB2 for 2 meters; DP116-PB3 for 3 meters)

3. Remove the lens from the miniature panel meter by inserting a paper clip or small flat blade screwdriver into the rounded corner of the lens, and lift it out. Repeat for other meters being mounted.
4. Remove the two mounting screws, one from each side of the meter's displays, shown in Figure 2.
5. Gently pry the sides of the mounting clamp from each meter. Move the sides of each mounting clamp out and down to remove it from the meter. Repeat for each meter being mounted.
6. Insert a meter through the DP116-PB1, or through the top opening in the DP116-PB2 or DP116-PB3 with the mounting clips facing towards the rear of the meter. Reinstall the meter clamp onto the bottom of the meter.
7. Secure the meter clamp by reinstalling the clamp screws into the holes on both sides of the meter display. Tighten the clamp screws to grip the adapter plate between the meter clamp and meter bezel. Do not over-tighten the screws.
8. Repeat steps 6 & 7 for other meters being mounted. If you are using the DP116-PB2, mount the second meter into other opening. If you are using the DP116-PB3, mount the second meter into the middle opening and the third meter into the bottom opening.
9. Snap the lens for each meter back into position, making sure the dull side of the lens faces outwards.

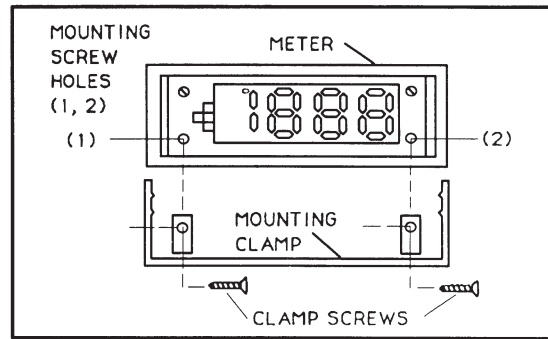


Figure 2. Meter and Mounting Clamp

10. Rotate the four mounting clips on the adapter plate into the fully counter-clockwise position, as shown in Figure 1a or 1b. Tighten the screws but do not over-tighten (tighten especially the bottom two so they do not rotate). With the 4 mounting clips in this position, the meter/adapter assembly can easily be inserted into the 1/8 DIN or 1/4 DIN cutout in the panel.
11. Rotate the four mounting clips about 180°, so they can grip the panel. If necessary, loosen screws to allow the clips to swivel. Snugly tighten the four screws to hold the mounting clips in place. **Take care not to over-tighten the mounting screws.**
12. The assembly is not complete.



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