

OVERVIEW

The PB series bar displays are highly configurable to a wide range of applications. To maintain this flexibility, legends for your PB display can be custom designed for your specific application. Legend layout is done using the **Legends>Create** feature of the PB Configurator app. Also, Microsoft Word templates are available for maximum flexibility. Using Microsoft Word templates to design legends requires Microsoft Word 2010 or higher. Legends are printed onto a sheet of pre-cut labels (refer to **Figure 4**) that are then applied to the PB legend supports. The labels are made out of a tough, waterproof, weather resistant Vinyl. A clear overlamine tape (P/N 130-0086) is available for maximum chemical, abrasion, and weather resistance. PB displays can have legends on the left, right, or both sides. Legends require one optional legend support kit per side. Legend Support kits can be purchased from microflx.com. Refer to **Figure 1** for Legend support kit part numbers.

The PB Configurator app allows you to design a legend by reading configured values from a PB Display. To do this simply click **Legends>Create>From Active...** This command is only available if the PB Configurator app has an active connection to a PB series display or an open configuration file. To design a new legend with no previous configurations simply click **Legends>Create>New** in the PB Configuration app. Legend designs can be saved and opened later for further configuration. To open a previously saved legend simply click **Legends>Create>Open File...** For maximum configurability, the available Microsoft Word templates can be used to create a legend by clicking **Legends>Microsoft Word Templates** and then simply choosing the template required for your application.

PB Display Model	Legend Support Kit Part Number
PB25	301-0014
PB50	301-0015
PB100	301-0016

Figure 1. PB Series Display Legend Support Kit P/N

Label Specification	
Physical Properties	Value
Thickness (without liner/adhesive):	3.4 mil
Temperature Resistance:	-40°F to 300°F
Adhesive	Emulsion Acrylic (Permanent)
Adhesion Power:	3.4lb/in
Tensile Strength MD:	3,000 PSI
Tensile Strength CD:	3,500 PSI
Minimum Application Temperature:	10°F
Finish:	Matte
Material:	Vinyl
Features:	Waterproof, UV resistant
Certifications	WEEE, RoHS, REACH, FDA

Figure 2. PB Legend Label Specifications

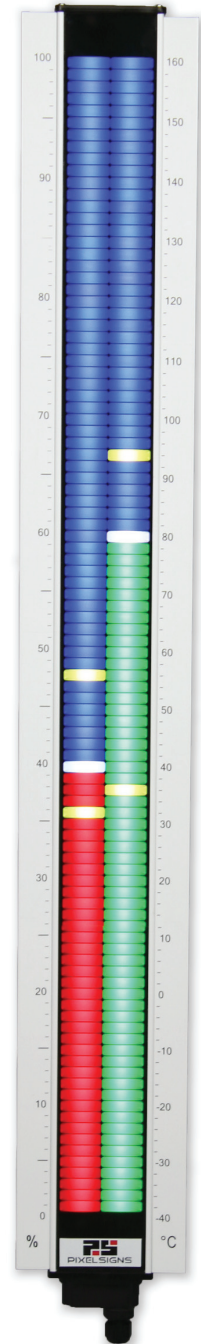
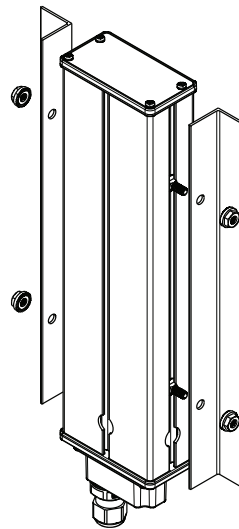


Figure 3. PB100 with legends

PRINT

After designing a legend, a test print can be completed by printing legends onto regular, letter sized printer paper without removing label frames. When printing legends, **DO NOT** scale the document, as this will cause your legend to misalign with the PB display. After executing a test print, remove frames from your legend design and print legends using label sheet 130-0075.

APPLY LABELS

IMPORTANT: Do not stretch labels as you apply them as this may cause your tick marks and values to be misaligned with pixels.

Each label in label sheet 130-0075 has a letter designator underneath it. Place the legend labels on the PB legend Support Kit according to your PB Display model (refer to **Figure 4** and **Figure 5**).

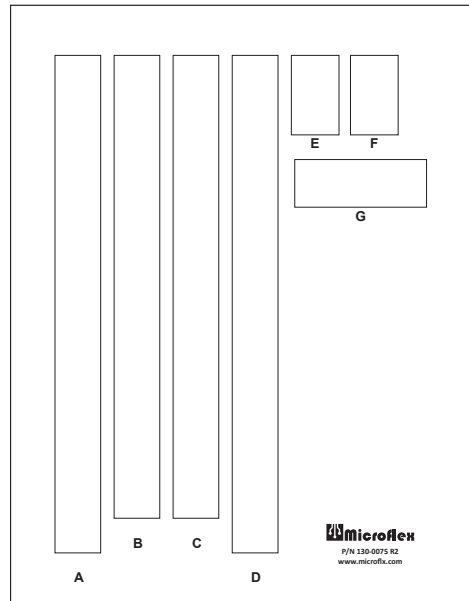


Figure 4. 130-0075 Label Sheet

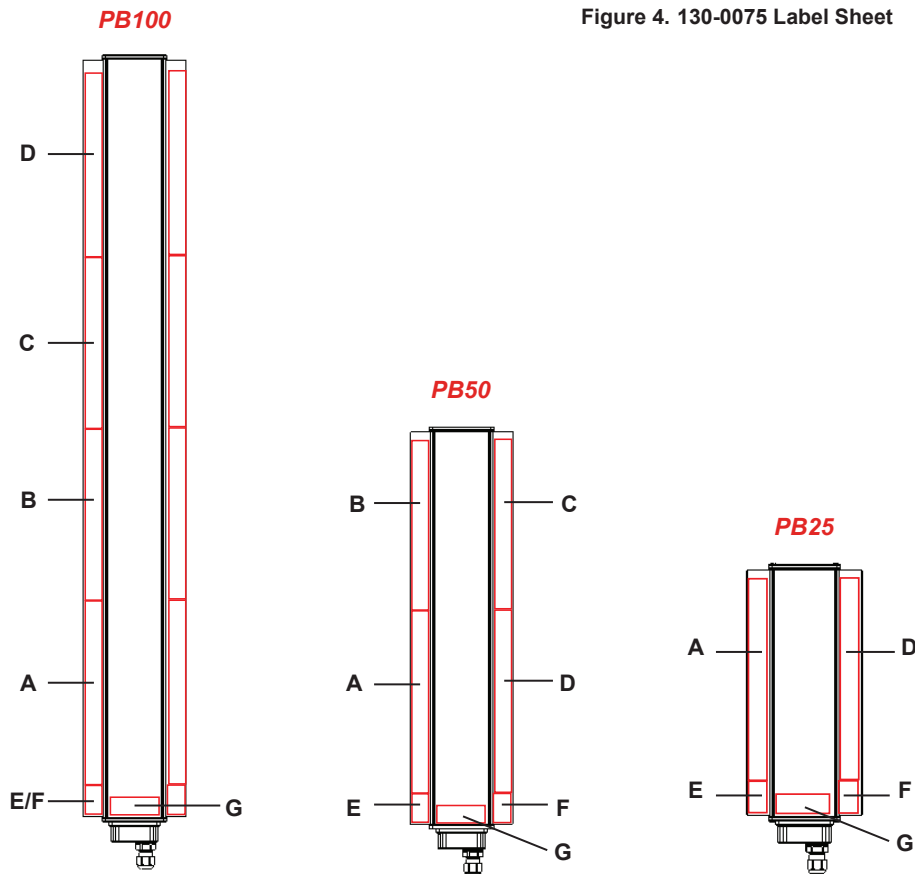


Figure 5. PB100 with legends