WARNING: To minimize the risk of potential safety problems, you should follow all applicable legal and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to ensure that the equipment, installation, and operation are in compliance with the latest version of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular applications, nor do we assume any responsibility for your product design, installation, or operation. If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call us at 1-800-633-0405 or 770-844-4200.

This publication is based on information that was available at the time it was printed. An AutomationDirect controller is constantly being improved and updated. We reserve the right to make changes to the products and/or publications at any time without notice and without obligation. This publication may also discuss features that may not be available in certain revisions of the product.

WARNING: Electric shock danger

1. Keep away from high-voltage and high-frequency environments during the installation to prevent interference. Avoid using the device in environments which contain: (a) dry or corrosive gas; (b) humid or high radiation; (c) shock or vibration

2. Make sure the input power is switched off when installing or uninstalling the DPM1 to prevent harm to personnel or equipment.

3. Before switching on the input power, check the signal connection, e.g. the input voltage and polarity. Voltage that is too high may cause damage to the DPM1.

4. Front cover should be cleaned only with a soft cloth soaked in neutral soap product. DO NOT USE SOLVENTS.

Agency Approvals

- EN 61010-1 standard, where the unit is permanently connected to main supply, it is obligatory to install a circuit breaking device that is easily reachable by the operator and increases value of blinking digit in configuration menus are unlocked (LC=0)

P.1
Model DPM1-A-H Example Application:
4-20mA input, 0.0 to 100.0 display (direct acting process using Scale Mode)

Programming Keys
(Bottom View)

ENTER: Enters configuration and validates data and parameters.
SHIFT: Selects mode or shifts blinking digit in configuration.
UP: Increases value of blinking digit in configuration.

Run mode
Programming mode
Input menu

Direct Acting Process

InP1 and InP2 values entered manually using programming keys.
Input signal value corresponding to desired display value dSP1.
Manually enter desired value for InP1.
4mA for this example
Display value corresponding to InP1.
Enter desired value for dSP1.
0 for this example
Select desired decimal point position.
xxx.x for this example
Input signal value corresponding to desired display value dSP2.
Manually enter desired value for InP2.
20mA for this example
Display value corresponding to InP2.
Enter desired value for dSP2.
100.0 for this example
Save values.
Run mode

Video Link
Scan or click the QR code for a series of Configuration and Programming videos for the ProSense DMP Series Panel Meters