

### DESCRIPTION

The L0780 Register Extension provides a means for relocating a McCrometer Propeller Flow Meter register to a height that improves access and protection of the register.

The L0780 Register Extension extends the register up from the top of the flow meter to a maximum height of 120'. The extension pipe material is 1" Schedule 80, 304 stainless steel. The extension is provided as a kit, including drive cable and sealing hardware. All Mc Propeller flow meters can utilize the extension. The existing meter base plate, register and register canopy are reused.

### METER PERFORMANCE

Meter performance is typically unaffected by the addition of a register extension. Long extensions on small flow meters may require a higher minimum flow rate to operate properly. Maximum flow rates are unaffected. All other aspects of meter performance are unchanged by the extension. The stainless steel construction provides corrosion resistance and requires little maintenance once installed. The meter environmental protection rating of NEMA 4x is retained when the installation is properly installed and maintained.

### APPLICATIONS

Applications that would benefit from the installation of the L0780 Register Extension are:

- Flow meter locations subjected to temporary local flooding or washdown.
- Pits and other meter locations considered enclosed spaces.
- Meters installed below walkway level.
- Meters configured for higher than normal fluid temperatures.
- Electronic meters with digital registers or pulse transmitters can also use the extension for meter mounted or remote models.

### INSTALLATION

The L0780 Register Extension is always mounted vertically on horizontally installed flow meters (see figure below). Meters subjected to pipe vibration should include appropriate anchoring of longer extensions. In areas with limited clearance over the meter, the overall height, including an open canopy lid, should be considered. Orientation of the register for easy viewing is accomplished when installing the register base plate after the extension is secured in place.

### APPLICATIONS

- On flow meters in enclosed spaces
- Areas subject to flooding
- Pits or areas with poor lighting
- Areas with difficult access
- Applications with higher than normal fluid temperature

### ORDERING

Provide the meter serial number if the extension is being installed on an existing meter.

Note any installed transmitters or electronics.  
Complete the part number with the length in inches.

Example: L0780-88 = 7'4" Long Register Extension

Extensions are manufactured to the length indicated by the part number. Pricing is by 6" increments.

REGISTER EXTENSION →

