

Is the FPM100 or CLM100 compatible with non-Maretron 4-20 mA pressure transducers?

Maretron highly recommends using Maretron pressure transducers to achieve the specified accuracy.

However, the FPM100 and the CLM100 will support other linear 4-20mA transducers even though Maretron cannot guarantee overall system accuracy.

The 4-20mA sensor must be a two wire loop powered 10-15VDC.

If the chosen sensor has a primary power supply add a loop isolator between the FPM100/CLM100 and the sensor.

Recommended Components

- Automation Direct FC-11 (Datasheet Attached to article)
 - [https://www.automationdirect.com/adc/shopping/catalog/process control -a- measurement/signal conditioners/dc voltage, current or potentiometer input/fc-11](https://www.automationdirect.com/adc/shopping/catalog/process_control -a- measurement/signal_conditioners/dc_voltage, current_or_potentiometer_input/fc-11)
- Omega DRSL-LP1 (Datasheet Attached to article)
 - <https://www.omega.com/en-us/data-acquisition/signal-conditioners/din-rail-signal-conditioners/drsl-lpi-srs-loop-pwr-iso/p/DRSL-LPI-1>

Online URL:

<https://www.maretron.com/wp-content/phpkbv96/article.php?id=503>