

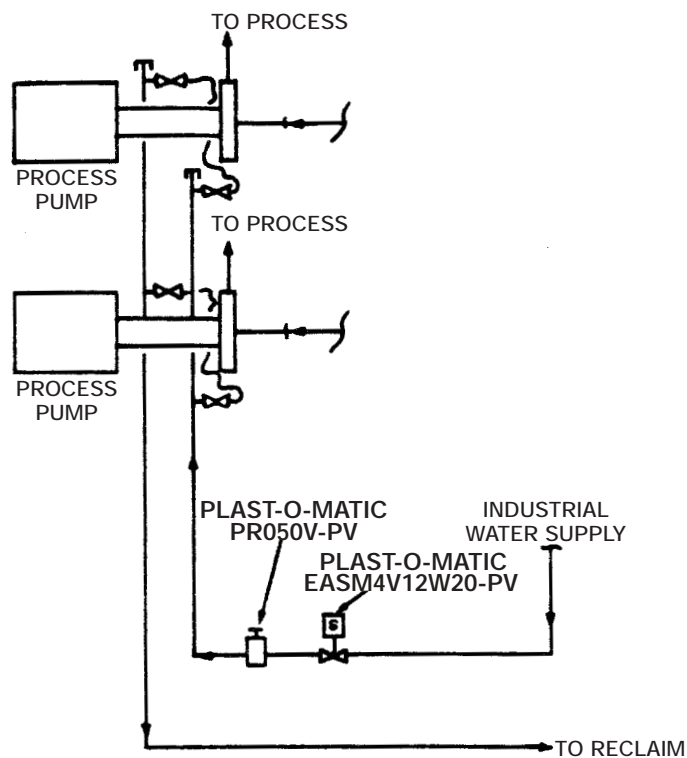
MARKET Pumping Applications

PRODUCT(S) Pressure Regulator PR050V-PV and Solenoid Valve EASM4V12W20-PV.

REQUIREMENT To provide water for flushing out chemicals in a pumping situation.

PROCESS FLUID(S) Plant Industrial Water

INLET PRESSURE/TEMPERATURE 70 PSI / Ambient



When centrifugal pumps are used for chemical distribution, water seal flush kits are incorporated in pump shaft seal area to cool seals and flush unwanted chemicals in case of a seal failure. When pump is signaled to start the solenoid valve is set to open 30 seconds before pump will start. If a pressure switch has not sensed a 5 PSI discharge

pressure, then pump shuts down, (this would indicate a pump seal or water problem) and closes solenoid valve. Valve stays open 15 seconds past pump stop signal. A Plast-O-Matic PR050V-PV Pressure Regulator, and a EASM4V12W20-PV Solenoid Valve are used to accomplish the above situation.