
4/20mA	A loop current for controlling instruments.
Cavitation	The formation of partial vacuums in a liquid by a swiftly moving solid body (such as a propeller in a pump) or by high-intensity sound waves; the pitting and wearing away of solid surfaces as a result of the collapse of these vacuums in surrounding liquid.
Critical pressure	The pressure under which a substance may exist as a gas in equilibrium, with the liquid at critical temperature.
Delta P (dP or ΔP) / Pressure drop	The difference between inlet and outlet pressure.
Density	A measure of the quantity of some physical property (usually mass) per unit length, area, or volume (usually volume). Mass density is a measure of the mass of a substance per unit volume. Most substances (especially gases such as air) increase in density as their pressure is increases or as their temperature decreases.
Design pressure	Maximum system pressure.
Design temperature	Maximum system temperature.
Downstream pressure / P2	Outlet pressure of the valve.
ESD	Emergency shutdown valve.
Equal percentage	Flow changes which are equal percentages of existing flow for increments of valve travel.
Fieldbus	A generic term used to describe a common communications protocol for control systems and / or field instruments, where each device has its own intelligence and communications via a data highway.
Flashing	A liquid that is below its vapor pressure and becomes a gas.
Flow rate	A measure of the volume of fluid moving past a given point in a given period of time.
HART (Highway Addressable Remote Transmitter)	Industry standards for the hardware and software development of smart field devices for process control.
HIPPS (High Integrity Pressure Protection System)	A pressure protection system to prohibit overpressurization of a piping system.

Linear characteristic	Flow is directly proportional to valve travel.
Molecular weight	The sum of the atomic weights of all atoms in a molecule.
Pipe schedule	Wall thickness of pipe.
Pipe size	Diameter of the inlet and outlet pipe.
Shut-off pressure	Differential pressure across the valve.
Specific gravity	The ratio of the density of a material to the density of water.
Specific heat ratio	The ratio of specific heat at constant pressure to the specific heat at constant volume at a particular temperature.
SPL / Noise / dBA	Sound pressure level (SPL) is a measurement of noise expressed in decibels (dBA).
Three-phase flow	A combination of gas or vapor, liquid and solids.
Two-phase flow	A combination of gas or vapor and liquid.
Upstream pressure / P1	Inlet pressure to the valve.
Viscosity	The thickness or resistance to flow of a liquid.