

Graphical symbols for flow diagrams for Industrial processing engineering (P&I DIAGRAM) DIN 28004

	Butterfly valve hand-operated		Controlling valve operated pneumatic		Swing pipe with limit switch		Pump with rinsing - or connecting water
	Setting flap hand-operated		Mixing valve (controlling valve) operated pneumatic		Filter		Sight glass
	Butterfly valve operated pneumatic		Multiway valves operated pneumatic with leakage		Sight glass with illumination		Hose coupling
	Butterfly valve operated electrically		Vacuum flap		Reduction		Trub loosen up
	CIP Leakage combination		Nonreturn flap		Pump general		Motor drive
	CIP double flap with leakage		Spent grain outlet flap with pressure indicator		Helical rotor pump		Agitator general
	Drainage flap		Slide hand-operated		Screw pump		Spray ball
	Siphon pipe flap operated pneumatic		Slide operated pneumatic		Liquid jet pump		Offer limit
	Valve cleaning operated pneumatic		Slide operated electrically		Gear pump		Magnet malt handling
	Shut-off valve hand-operated		Distributor flap operated pneumatic		Liquid ring vacuum pump		
	Setting valve hand-operated		Distributor flap operated electrically		Screw compressor		
	Valve operated with weight		Rotary discharger operated pneumatic		Radial blower		
	Shut-off valve operated pneumatic		Rotary discharger operated electrically		Compressor		
	Shut-off valve operated electrically		Pressure reducing valve		Static mixer		
	Shut-off valve operated electromagnetic		Dirt trap		Mixing nozzle		
	Angle valve operated pneumatic		Steam trap		Silencer		
	Angle valve hand-operated		Deaerator tank		CIP return filter		
	Safety valve spring-loaded		Flow meter				
	Angel safety valve spring-loaded valve for pressure resistance		Suburb indicator pressure - temperature				
			Drainage				
			Pressure-equalizing reservoir				



Legend for graphical symbols
CAD