

1.3.23.23 Historical Trend

Trend values from analogue measurements are usually stored as selectable time or value rates. The values are stored in a configurable selectable time based database.

1.3.24 Typical Control Systems**Table 1-8: Typical Control System**

Instrument		Function
Submersible pumps , dry/wet	Thermal motor monitoring	Motor protection
	Moisture detection	
	Mechanical seal monitoring	Pump / motor protection
	Bearing temperature monitoring	
	Thermal overload relay	Motor overload protection
	Level / Float switch	Dry run protection
Centrifugal pumps	Level / Float Switch	Dry run protection
	Bearing temperature monitoring	Pump / motor protection
	Oil pressure	Bearing protection
	Oil temperature	
Electrical driver	Winding heater	Motor protection against water
	Thermal motor monitoring	Motor protection
	Thermal overload relay	Motor overload protection
Electrical Equipment	Fuse / ACB / MCCB / MCB	Overload protection
	Under voltage relay	Equipment protection
	Over voltage relay	