GEM Pump

PUMP PROTECTION & MONITORING UNIT

MODEL: PSC-003G



GEM Pump

PUMP PROTECTION & MONITORING UNIT

A large proportion of unexpected stoppages of the production are caused by machinery and rotating equipment failure.

With a planned maintenance plan is possible to avoid the production stoppages; usually these equipment are either maintained in fixed time frames, with the risk that it is carried out too soon or in some instances too late, thereby resulting in unexpected production stoppages.

With a signals map of the site machine is possible reduce the probability of machine stop and to have an efficiency maintenance plan.

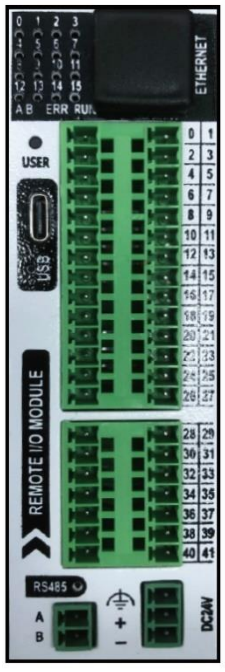
Then with a permanent and critical monitoring of pumps and motors, we can enable you to perform maintenance at the right time.

Depending on the size and type of machine, hydraulic, mechanical or electrical monitoring may be useful.



Power analyzer
PM2200

RS485



Pump Protection &
Monitoring Unit
Model: PSC-003G

TCP/IP



Touch screen





Pump&Motor
Feedback Status

CONTROL

STATUS INPUT

DIGITAL INPUT



Earth Leakage Relay



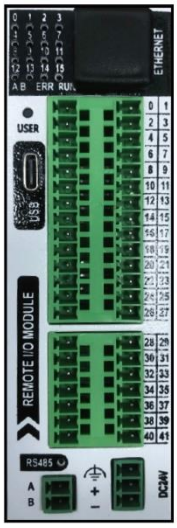
USB LOGGER



Insulation monitoring

GEM Pump

PUMP PROTECTION & MONITORING UNIT



SPECIFICATIONS:

- Pump protection & Monitoring unit
  - Temperature measurement of thrust bearing
  - Temperature measurement of motor winding, One each phase
  - Leakage in motor housing using float switch type leakage sensor
  - Pump vibration sensor
- Power analyzer Display & Historical data
  - Power
  - Energy
  - Power factor
  - System current
  - Current in three phases -Current unbalance
  - System voltage
  - Voltage in the phases -Voltage unbalance
  - Start and running time
- Connection to all sensors
- Web config & Monitoring
- Support Cloud server
- Support 3G Sim card
- Support remote monitoring and Control unit
- Support Datalogger with USB
- Level Measurement
- Flow meter
- Speed
- Grouhd/Earth checking
- Touch Screen & Panel
- Support GPS Tracking

Support & Measurements



Pump&Motor Feedback Status



Data Logger



Cloud Server



HMI Operate



Power analyzer PM2200



Access Browser Page