

PCM IPAC MINI

› INTELLIGENT CONTROLLER FOR PCP APPLICATION

SURFACE / DRIVE

Designed by a PCP expert and with the latest technologies, PCM IPAC MINI offers you the most efficient way to drive your PCP and maximize your well performances.

PCM IPAC MINI is an **intelligent PCP controller** that will pilot your VSD (Variable Frequency Drive) and record data from other sensors that may be available on the well.

› MAIN FUNCTIONS

- Pilot VSD already installed on field
- Optimize well production
- Monitor PCP operating data
- Communicate data to and from external systems

› HIGHLIGHTS

- Plug and play through RS-485 to majority of VSD brands
- PCP oriented user-friendly interface on 10.1" touchscreen
- Internal storage data
- Settable alarms





SPECIFICATIONS

Compability	<ul style="list-style-type: none"> • Connect to VSD through RS-485 • Schneider / Danfoss / ABB / Leroy Somer / Siemens • Other brand on request
Power supply	<ul style="list-style-type: none"> • 3 phases: 230, 400 or 600 VAC • 50/60 Hz (+/-5%) • HMI alimented in 24 VAC • Internal buffer 10A/6ms
Enclosure	<ul style="list-style-type: none"> • IP 65 or NEMA 4 • CEI61439-2 (UL/CSA on request) • Dimension: 500 x 500 x 250 mm
Fixation	<ul style="list-style-type: none"> • To be fixed on wall or VSD enclosure • Option for light stand

HMI	<ul style="list-style-type: none"> • PCP dedicated software • 10.1" touchscreen: 1024 x 600 • Internal memory: 6 months data records
Environment	<ul style="list-style-type: none"> • Ambient temperature: -10°C/+50°C (+14°F/+120°F) • Option for cold weather (-40°C/-40°F) • Max. relative humidity: 95% non-condensing
Connectivity	<ul style="list-style-type: none"> • 1 ethernet TCP/IP (SCADA) • 1 serial port RS485 (Communication HMI/VSD) • 1 USB port (to extract data from HMI) • Option for WIFI and GSM modules • Input: 8 x analog / 8 x digital • Output: 7 x digital • Optional I/O available on request

PCM IPAC MINI BENEFITS

PCP expert:

- Dedicated interface conceived by PCP specialist
- Settable alarms from VSD and I/O data
 - Min/Max with 2 levels (warning/stop)
 - Torque, flow rate, pressure, PTC, temperature...
- Acceleration & deceleration ramp (up to 3600 s)
- Start/stop and speed modification
- Internal data memory (FIFO principle)
 - Last 6 hours - 1 record/second
 - Last 6 months - 1 record/5 mins
 - Alarms, events and PCP completions

User-friendly:

- Simple and intuitive touch screen
- Quick download of data through USB stick
- Easy transmission and communication

PCM ipac	
	Home Quick visibility on well status Display key PCP parameters
	Start / stop Set up speed and ramps Display real speed value live
	Data records Display min/max and average Donwhole/ surface/ energy data
	Data chart Display tendency chart Last 6 hours or last 6 months
	Completion Donwhole/surface information Set up motor, ratio specifications
	Alarm records Ongoing / History / Settings Set up alarms (warning / stop)
	Export data Easy data collection Select data for USB extraction
	Parameters Set up I/O scaling, HMI,... Level access, language...