MCP + FUEL CONTROL PANEL WITH PLC, TOUCH SCREEN AND MODBUS TCP CONNECTIVITY

from 1/N main deposits to 1/N daily deposits

CODE	Model (Nr of Storage Tanks / Day Tanks / Pumps)	Size (mm)	Weight (approx)	Free voltaje contacts	Digital I/O. to BMS	Analog I/O. to BMS
33070000010429	Fuel Monitoring Panel w. PLC 4,3" 1 ST / 1 DT	600x600x300	25	9	10/6	2/2
33070000010413	Fuel Monitoring Panel w. PLC 4,3" 1 ST / 1 DT	600x600x300	25	16	10/14	2/2
33070000010384	Fuel Monitoring Panel w. PLC 4,3" 0 ST / 3 DT	600x600x300	25	20	16/10	3/3
33070000010341	Fuel Monitoring Panel w. PLC 7" 1 ST / 1 DT/ 2 P	600x600x300	28	10	26/14	3/3
33070000010340	Fuel Monitoring Panel w. PLC 7" 1 ST / 1 DT/ 2 P / 1 R.P	600x600x300	28	14	26/12	3/3
33070000010351	Fuel Monitoring Panel w. PLC 7" 1 ST / 2 DT/ 2 P	600x600x300	28	16	26/12	3/3
33070000010387	Fuel Monitoring Panel w. PLC 7" 1 ST / 2 DT/ 2 P / 1 R.P	800x800x300	28	24	26/12	4/4
33070000010384	Fuel Monitoring Panel w. PLC 4,3" 1 ST / 3 DT	600x600x300	30	20	18/8	4/4
33070000010383	Fuel Monitoring Panel w. PLC 4,3" 1 ST / 5 DT	600x600x300	30	24	34/16	6/6
33070000010415	Fuel Monitoring Panel w. PLC 7" 6 ST / 0 DT	400x600x300	40	4	18/8	6/6
33070000010388	Fuel Monitoring Panel w. PLC 7" 2 ST / 1 DT/ 2 P	600x600x300	45	20	24/14	3/3
33070000010353	Fuel Monitoring Panel w. PLC 7" 2 ST / 2 DT	600x800x300	45	16	28/14	4/4
33070000010522	Fuel Monitoring Panel w. PLC 7" 2 ST / 2 DT	600x800x300	45	24	28/14	4/4
33070000010407	Fuel Monitoring Panel w. PLC 7" 3 ST / 2 DT	600x800x300	50	28	38/18	5/5
33070000010517	Fuel Monitoring Panel w. PLC 7" 3 ST / 2 DT	600x800x300	50	16	28/14	5/5
33070000010518	Fuel Monitoring Panel w. PLC 7" 3 ST / 4 DT	800x600x300	50	32	28/14	7/7
33070000010415	Fuel Monitoring Panel w. PLC 10" 6 ST / 0 DT	400x600x300	40	4	18/8	6/6
33070000010516	Fuel Monitoring Panel w. PLC 10" 8 ST / 8 DT	800x800x250	50	56	28/14	16/2
03200900000020	Control Module up to 2 Pumps					
03200900000060	Control Module up to 6 Pumps					

Type designation key:
"1 ST / 1 DT / 2 P / 1 R.P" = 1 main storage tank, 1 day tank, 2 pumps, 1 return pump

Description

The INPRO MCP+ Control Panel, capable of servicing multiple backup power generators, is the perfect complement to INPRO ATAM-GET diesel fuel transfer systems.
Its main component is a PLC controller with a 4.3" to 15" HMI colour TFT LCD touch screen, with multiple analogue/digital inputs and outputs that can be configured according to the size of each installation, enabling optimal operation with safety and reliability. Panel features:

- Storage tank level control
- Generator tank level control
- Duplex pump control
- Fuel filtration / Polishing control
- Engine starter and overload protection for engines.
- Flow meter
- Leak detection
- Pressure drop sensors in the filter
- Integration with other controllers and systems such as BMS

Other optional design features:

- Redundant relay principle to override the automatic action of the controller at different redundant safety critical points in the installation
- Single-phase dual power supply or 230/480 VAC - 3-phase power supply
- Dual control power transformer
- Pump motor starters with manual disconnection and overload protection
- Energy monitoring and reporting for control circuit breakers and motor starters





With high-resolution colour touchscreen. Extensive connectivity and high performance.

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