

CAG + FUEL MONITORING PANEL FROM 1 (OR N) MAIN TANK(S) TO 1 (OR N) DAY TANK(S) PLC and touchscreen, with Modbus connectivity

CODE	Model (Nr of Storage Tanks / Day Tanks / Pumps)	Size (mm)	Weight (approx)	Free voltage contacts	Digital I/O. to BMS	Analog I/O. to BMS
23070000010429	Fuel Monitoring Panel w. PLC 3,5" 1 ST / 1 DT	600x600x300	25	9	101/60	21/20
23070000010413	Fuel Monitoring Panel w. PLC 3,5" 1 ST / 1 DT	600x600x300	25	16	101/140	21/20
23070000010384	Fuel Monitoring Panel w. PLC 3,5" 0 ST / 3 DT	600x600x300	25	20	161/100	21/20
23070000010341	Fuel Monitoring Panel w. PLC 5,7" 1 ST / 1 DT/ 2 P	600x600x300	28	10	261/140	21/20
23070000010340	Fuel Monitoring Panel w. PLC 5,7" 1 ST / 1 DT/ 2 P / 1 R.P	600x600x300	28	14	261/120	21/20
23070000010351	Fuel Monitoring Panel w. PLC 5,7" 1 ST / 2 DT/ 2 P	600x600x300	28	16	261/120	21/20
23070000010387	Fuel Monitoring Panel w. PLC 5,7" 1 ST / 2 DT/ 2 P / 1 R.P	800x800x300	28	24	261/120	21/20
23070000010384	Fuel Monitoring Panel w. PLC 3,5" 1 ST / 3 DT	600x600x300	30	20	181/8	21/20
23070000010383	Fuel Monitoring Panel w. PLC 3,5" 1 ST / 5 DT	600x600x300	30	24	341/160	21/20
23070000010415	Fuel Monitoring Panel w. PLC 5,7" 6 ST / 0 DT	400x600x300	40	4	181/80	61/40
23070000010388	Fuel Monitoring Panel w. PLC 5,7" 2 ST / 1 DT/ 2 P	600x600x300	45	20	241/140	21/20
23070000010353	Fuel Monitoring Panel w. PLC 5,7" 2 ST / 2 DT	600x800x300	45	16	281/140	21/20
23070000010522	Fuel Monitoring Panel w. PLC 5,7" 2 ST / 2 DT	600x800x300	45	24	281/140	21/20
23070000010407	Fuel Monitoring Panel w. PLC 5,7" 3 ST / 12 DT	600x800x300	50	28	381/180	21/20
23070000010517	Fuel Monitoring Panel w. PLC 5,7" 3 ST / 2 DT	600x800x300	50	16	281/140	21/20
23070000010518	Fuel Monitoring Panel w. PLC 5,7" 3 ST / 4 DT	800x600x300	50	32	281/140	21/20
23070000010415	Fuel Monitoring Panel w. PLC 5,7" 6 ST / 0 DT	400x600x300	40	4	181/80	61/40
23070000010516	Fuel Monitoring Panel w. PLC 5,7" 8 ST / 8 DT	800x800x250	50	56	281/140	21/20
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 CAG + Control Cabinet for Multiple Backup Power Generators is the perfect complement to INPRO transfer systems for diesel fuel ATAM-GET.

Its main component is a PLC controller with 3,5" or 5,7" color LCD touchscreen HMI, with multiple analogue / digital inputs and outputs which can be defined for each installation, allowing the ideal safety and reliability operation at each specific installation such as:

- Storage Tank Level Control
- Generator Tank Level Control
- Duplex Pump s Control
- Fuel Filtration / Polishing control
- Motor Starter and Overload Protection for motors.
- Flow meter
- Leak detection
- Pressure drop sensors at filter
- Integration with other controllers and BMS Systems Ethernet or Modbus
- ...

Other design optional features:

- Redundant relay principle to void automatic controller action at different redundant safety critical points at the installation.
- Dual Power Source Feed single-phase or 230/480 VAC - 3 Phase
- Dual Control Power Transformer
- Pump Motor Starters with Manual Disconnect and Overload Protection
- Power Monitoring and Reporting for Control Circuit Breakers and Motor starters

