

INDUSTRIAL AOD PUMP CONTROL PANELS (IAPCP)

The standard Industrial AOD Pump Control Panel (IAPCP) is a UL-Listed control panel designed for simplex or duplex pump control in industrial pump down applications. Custom configurations including PLC control are available, call or email Sales for more details.



Shown: Duplex Industrial AOD Pump Control Panel with NEMA 4 enclosure. (IAPCP-DP-GP-1-N4)

Specifications

- Standard control panels for AOD pump applications (up to 1" AOD)
- Simplex (one pump) or duplex (two pumps) configurations
- Alternating lead/lag pump operation on duplex models
- Hand-Off-Auto selector switches for automatic or manual control
- Remote control panels for Wastech AOD and Solvent pump lift stations (AOPLS & SPLS)
- Color-coded and marked wires for simple installation and maintenance

Standard Features

- UL-Listed control panel
- NEMA 4/4X, hinged door enclosures
- Illuminated E-stop with protective shroud
- Power On green light indicator
- Pump Run green light indicator
- Pump Hand-Off-Auto selector switch (non-illuminated)
- High-high level alarm red light indicator with dry contact
- Leak alarm red light indicator
- Common alarm beacon with dry contact
- Low pressure red light indicator with dry contact
- Lockable main power disconnect
- Up to four (4) discrete level inputs for pump control
 - LL - both pumps OFF
 - L - lead pump ON
 - H - lag pump ON
 - HH - alarm
- Alternator (pumps alternate automatically after every pump down cycle)
- Run permissive green light indicator
- Audible alarm (buzzer) with silence button
- Pneumatic filter/regulator with main lockout tag-out (L.O.T.O.) valve and individual pump L.O.T.O. valves
- Push-To-Test pilot lights (except on -EX models)
- Facility connection: 1/2" FNPT
- Pump connection(s): 3/8" FNPT
- Power requirements: 115 VAC / 1 / 60 Hz, 5 Amps



Shown: Interior view of duplex Intrinsically Safe Industrial AOD Pump Control Panel with NEMA 4 enclosure. (IAPCP-DP-IS-1-N4)



ORDERING INFORMATION					
IAPCP	Industrial AOD Pump Control Panel				
	Number of Pumps (Choose One)				
	-SP	Simplex			
	-DP	Duplex			
	Area Classification (Choose One)				
	-GP	Non-Hazardous Area (UL 508A)			
	-IS	Non-Hazardous Area W/ Intrinsically Safe Instrumentation (UL 698A)			
	-EX	Hazardous Area (Class 1, Div. 2, Purged Panel)			
	Power Requirements				
	-1	115 VAC / 1 / 60 Hz (5 Amps)			
	Enclosure Rating (Choose One)				
	-N4	NEMA4 – Powder Coated Carbon Steel			
	-N4XF	NEMA4X – Fiberglass			
	-N4XS	NEMA4X – 304 Stainless Steel			
Example Part Number					
IAPCP	-DP	-GP	-1	-N4	IAPCP-DP-GP-1-N4

DIMENSIONS AND TECHNICAL INFORMATION			
PART NUMBER	DIMENSIONS		
	A	B	C
IAPCP-SP-GP	39"	27"	14"
IAPCP-DP-GP	39"	27"	14"
IAPCP-SP-IS	39"	27"	14"
IAPCP-DP-IS	39"	27"	14"
IAPCP-SP-EX	39"	33"	14"
IAPCP-DP-EX	39"	33"	14"

