ARO®

Electronic Interface Accessories

Quickly find your accessories, leak detection sensors, end of stroke sensors, and solenoid value block kits

Upgrade your Compact or EXP pump with electric interface accessories to integrate seamlessly into automated processes. Whether you have a PLC automated process or ARO's batching/flow controller these accessories can provide remote operation, remove wasteful manual processes and improve uptime through proactive maintenance solutions. Consult with your ARO® representative or Tech Support to learn which accessories will work best for your pump and application.

◤ End of Stroke Sensors

Used to monitor cycle rates for preventative maintenance and determining volume transferred in batching applications.

End of Stroke Sensing for Cycle Counting			
Compact/ EXP Port Size	Regular Duty	Hazardous Duty*: ATEX	Hazardous Duty*: NEC, CEC
1/4"	24110934	97404 & 97491	97404 & 97412
3/8"	97048	97405 & 97491	97405 & 97412
1/2" & 3/4"	97053	97406 & 97491	97406 & 97412
1"	97119	97408 & 97491	97408 & 97412
1 1/2"	97396	97410 & 97491	97410 & 97412
2" & 3"	97121	97411 & 97491	97411 & 97412

* Note: hazardous options require both an end of stroke sensor and barrier amplifier

◤ Leak Detection

Minimize unwanted downtime by detecting diaphragm failures.

Leak Detection Sensing		
Compact/ EXP Port Size	Regular Duty	Hazardous Duty*: ATEX, NEC, CEC
1/4"	67237	96270-2 (Qty: 2) & 97414 (Qty: 1)
3/8"	67237	96270-2 (Qty: 2) & 97414 (Qty: 1)
1/2" & 3/4"	67237	96270-2 (Qty: 2) & 97414 (Qty: 1)
1"	67237	96270-2 (Qty: 2) & 97414 (Qty: 1)
1 1/2"	67237	96270-2 (Qty: 2) & 97414 (Qty: 1)
2" & 3"	67237	96270-2 (Qty: 2) & 97414 (Qty: 1)

* Note: hazardous options require both 2 leak detection sensors (1 for each diaphragm) and a Zener barrier

◤ Solenoid Valve Block Kits

Replaced existing major valve with a solenoid actuated main valve. Each time the solenoid is energized or de-energized the pump will stroke one time. With combination of a PLC or ARO® controller, precise batching can be achieved.

Position	1	2	3
Example:	637371	- X	- X
Position 1 Base Part Number		Position 2 Valve Block Material	Position 3 Solenoid Coil Valve Block Mtrl.
1/4"	637371	1- Aluminum	A = 120 VAC
3/8", 1/2", 3/4"	637540	2- Stainless Steel	B = 12 VDC
1"	637541	3- Black Polypropylene	C = 240 VAC
1-1/2"	637542	4- White Polypropylene	D = 24 VDC
2" & 3"	637543		E = 12 VDC NEC/CEC
			F = 24 VDC NEC/CEC
			G = 12 VDC ATEX/IECex
			H = 24 VDC ATEX/IECex
			J = 120 VAC NEC/CEC
			K = 220 VAC ATEX/IECex
			N = No Coil *

* Note: a no coil option can be purchased where multiple environments exist within your facility. Contact your ARO® Representative or Tech Support for the correct solenoid coil for your application.
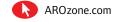
◤ MaxAir 2 Way Valve

Controls the inlet air to the pump for simple on/off controls. Die-cast brass body, Stainless Stem and Buna-N diaphragms provide excellent durability.

Pump Port Size	24VDC Valve and Connector*	120VAC Valve and Connector*
1/4" to 1"	TB03EB-024-D and CSN-30	TB03EB-120-A and CSN-30
1-1/2"	TB04EB-024-D and CSN-30	TB04EB-120-A and CSN-30
2" to 3"	TB06HB-024-D and CSN-30	TB06HB-120-A and CSN-30

* Note: Valve and Connector Needs to be purchased.