

Lincoln Modular Lube automatic lubrication systems



LINCOLN

Model 85530 Lubrication System Controller

Controls lubrication frequency, master divider valve cycle and monitors supply line pressure. The LCD displays operating status.



Lube Cycle				Max Count Rate*	Pumping Time Before Alarm	
Timer Mode Off Time		Counter Mode Off Counts			Minimum	Maximum
Min.	Max.	Min.	Max.			
1 Minute	99,000 Counts	1 Count	9,900 Minutes	30/Sec. @ 50% Duty Cycle	1 Minute	99 Minutes

* Minimum duration of count signal is 33 milliseconds.

Power Requirements (less load)		Pump, Solenoid, or Alarm Capacity	Ambient Temperature Range	Enclosure			
Voltage	Current			Rating	Dimensions-in. / mm		
		Height	Width		Depth		
120 VAC, 50/60 Hz	85 MA	360 VA	32° to 122°F -0° to +50° C	NEMA 12	9 ½ 241	8 15/16 227	4 1/8 105
230 VAC, 50/60 HZ	45 MA						
24 VDC	250 MA	5 Amps					

Note: Model 85530 is CSA/NRTL approved.

Model 247333 Pressure Transducer

Pressure Transducer signals actual system pressure. Comes with 72 inch (1.8 m) shielded 24-gauge connecting wire. Maximum length of wire between transducer and monitor is 30 ft. (9.1 m).



Range	Accuracy	Proof	Pressure Connection	Ambient Temp.	Input	Voltage Output	Offset	Enclosure
0 to 4000 psi 276 bar	±1%	7500 psig 517 bar	¼" NPT Male Thread	-20° to 180° F -29° to 82° C	10 to 30 VDC	1-6 VDC	1 VDC	NEMA 4X Rating 300 Series Stainless Steel

Electric Solenoid-Operated Air Valves



Model	Type	Electrical Characteristics			Air Inlet/Outlet	Ambient Temperature Range	Cv Factor	Max. Pressure psi/bar	Conduit Connection
		Power Requirements	Inrush Current Amps	Holding Current Amps					
350244	4-Way	110 VAC, 50 Hz 120 VAC, 60 Hz 8.4 VA	.11	.07	¼" NPT(F)	0° to 120°F -18° to 49°C	1.2	150 / 10.3	½" NPS(F)
350245		220 VAC, 50 Hz 240 VAC, 60 Hz 8.4 VA	.055	.035					
350241	3-Way	110 VAC, 50 Hz 120 VAC, 60 Hz 8.4 VA	.11	.07	¼" NPT(F)	0° to 140°F -18° to 60°C	.18	150 / 10.3	N/A
350242		220 VAC, 50 Hz 240 VAC, 60 Hz 8.4 VA	.055	.035					
350282		12 VDC 6 Watts	N/A	N/A					
350283		24 VDC 6 Watts	N/A	N/A					
68586	2-Way	120V, 60 Hz 12 VA	.2	.1	¾" NPT(F)		2.4		½" NPT(F)
274398		24 VDC 8.5 Watts	N/A	N/A	¼" NPT(F)		.5		N/A
244727	3-Way	110 VAC, 50 Hz 120 VAC, 60 Hz 11 VA	.12	.09	¾" NPT(F)	0° to 120°F -18° to 49°C	4.4		½" NPT(F)