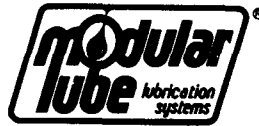


NO-FLOW VALVE

ELECTRIC SWITCH, C.S.A. CERTIFIED
CONTAINS VITON O-RINGS



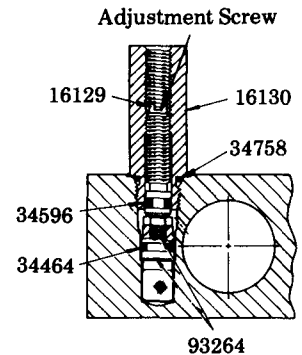
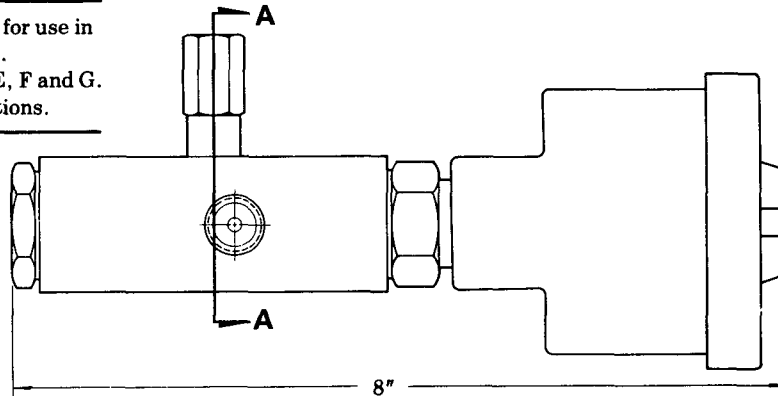
Model 87601

Series "D"

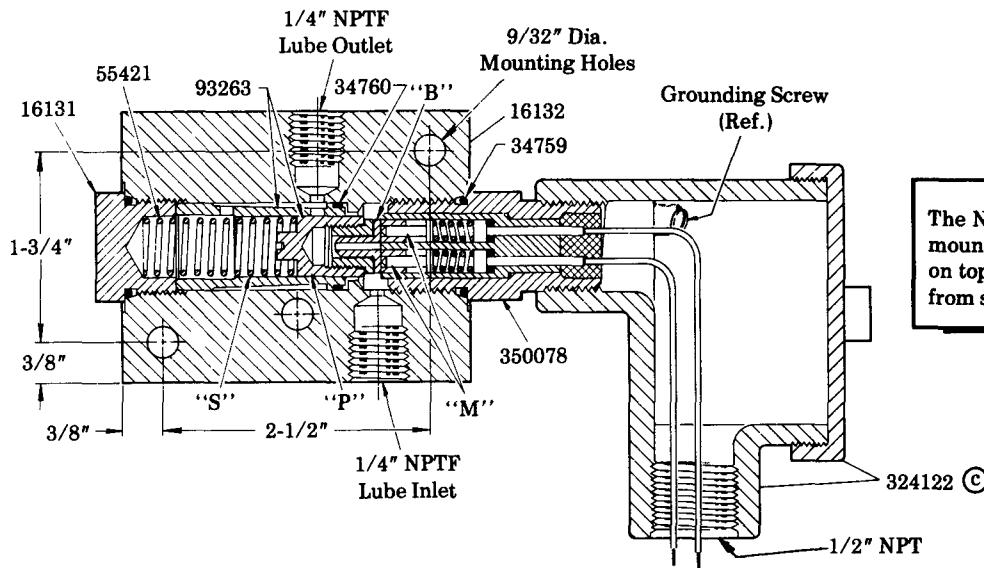
SPECIFICATIONS:

- LUBRICANT PRESSURE — 50 PSI Min. to 6,000 PSI Max.
- LUBRICANT VISCOSITY — 60 SSU Min. to 3,000 SSU Max. (Use 10 Micron Filtered Lubricant)
- MINIMUM FLOW RATE — .060 cu. in. at a time delay setting of 90 seconds.
- ELECTRICAL DATA — 115 VAC - 1 AMP. Max.
32 VDC - .5 Amp. Max.
20 " Leads

C.S.A. Certified for use in
Class I, Group D.
Class II, Group E, F and G.
Hazardous Locations.



SECTION A-A



NOTE
The No-Flow Valve should be mounted with the outlet port on top for ease of purging air from system.

© Indicates change

Model 87601 No-Flow Valve monitors lubrication systems by sensing lubricant flow. The valve will provide an electrical signal of flow failure which may be used to shut down an engine: by grounding the magneto or by operating a solenoid valve to shut down the fuel valve. By using a relay, the electrical signal may also be used to provide multiple magneto shut down or give remote warning by alarm or signal lamp. In series type lubrication systems, the no-flow valve is normally installed in the main lubricant supply line between the pump and the master divider valve.

During normal system operation, lubricant entering the valve pushes piston "P" back, compressing return spring "S" and breaking circuit formed by movable contact pins "M" with insulated contact "B" on the end of piston "P". When lubricant flow ceases, return spring "S" forces piston "P" forward closing the outlet port and forcing the trapped lubricant to pass around the controlled fit of the piston and through the capillary to the opposite end of the piston. The insulated contact "B" on the piston "P" completes the electrical circuit between the two movable contact pins "M".

An adjustment screw varies the delay period from cessation of lubricant flow to actuation of the electrical signal with adjustments from one minute time delay minimum to a maximum of two minutes delay. Turning the adjustment screw clockwise lengthens the time delay, counter-clockwise rotation shortens the time delay.

LINCOLN
A PENTAIR COMPANY

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Customer Service, (314) 679-4300

SECTION - M31
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SERVICE PARTS

PART	QUAN.	DESCRIPTION
16129	1	Adjustment screw
16130	1	Adjustment housing
16131	1	Plug
16132	1	No-flow body
34464	1	O-ring
34596	1	O-ring
34758	1	O-ring
34759	2	O-ring
34760	1	O-ring
55421	1	Spring
93263	1	Piston and sleeve assembly
93264	1	Capillary assembly
324122	1	Outlet body
350078	1	Contact plug assembly

————— **RETAIN THIS INFORMATION FOR FUTURE REFERENCE** —————

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN ST. LOUIS provides a Distributor Network that stocks equipment and replacement parts.
