

Elite Valve

elitevalve.com

Customized
valve solutions
for the toughest
applications



Mechanical Limit Switch

POSE-850

POSE-850 Features

- Solid and Compact Design.
- Weatherproof and Corrosion Resistant NEMA 4, 4X, IP67 Enclosure.
- Captive Stainless Steel Cover Bolts.
- Green/Red Position Indicator.
- Easy adjustment of CAM position.
- 8 contacts of terminal ports.
- Dual 1/2" conduit entries.
- Quick-Set, Spring Loaded, Splined Cams require no tools for adjustments.
- Qty. 2 OMRON SPDT Mechanical Switches rated at 5 amps at 120 VAC / 4 amps at 30 VDC (other switches available on request).
- Approvals: UL, CSA, SEMKO, and SEV EN61058.



POSE-850 Materials

Housing Cover and Body	Powder Coated Painted Aluminum
Shaft	Stainless Steel
Indicator Cover	Polycarbonate
Indicator	ABS/Polycarbonate
Cam	Polycarbonate
Spring	Stainless Steel
Housing Cover Bolt	Captive Stainless Steel
O-Ring	NBR
Bushing	Bronze
E-ring (shaft)	Stainless Steel
Ground lug	Stainless Steel
Bracket	Stainless Steel

POSE-850 Specifications

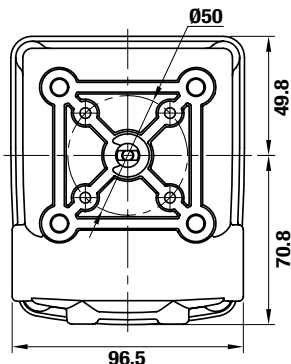
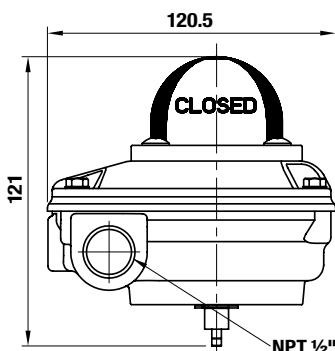
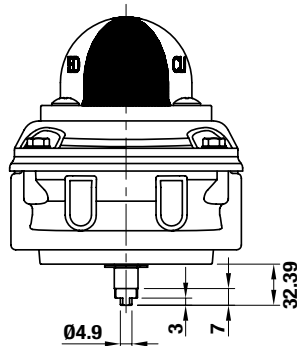
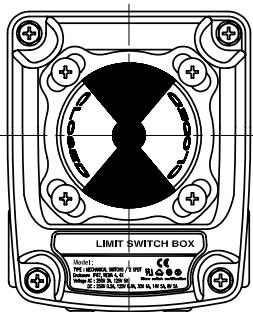
Model	POSE-850
Enclosure	IP67.NEMA 4, 4X
Type	Mechanical Switch/2SPDT
Voltage AC	250V 3A, 125V 5A
DC	250V 0.2A, 125V 0.4A 30V 4A, 14V 5A, 8V 5A

About Elite Valve Limit Switch Boxes

Elite Valve manufactures limit switches which are durable, versatile, cost-effective, perform well after many cycles and are perfect for extensive commercial and industrial use.

Elite Valve limit switches are suitable for a full range of water, gas, steam, petrochemical and general use/utility services and applications

Elite Valve limit switches feature a compact design and provide low cost solution to visual and electrical indication of rotary valve and actuator position.



Soldo SX Series

SX Series Materials

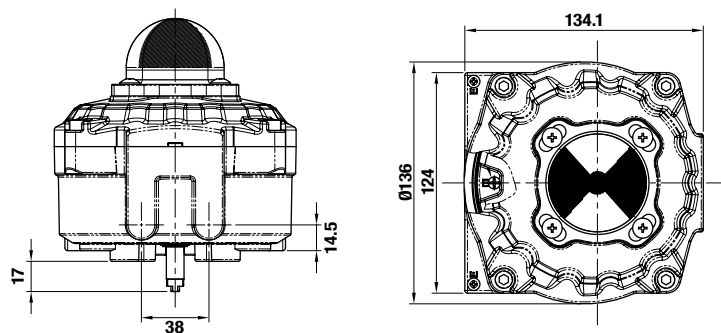
1	Indicator	ABS
2	Cover Indicator	Poly-Carbonate
3	Housing Cover	Powder Coated Painted Aluminum
4	Housing Body	Powder Coated Painted Aluminum
5	Shaft Main	STS303
6	Plate Name	2M CH PET

SX Series Specifications

Model	SX Limit Switch Box Series
ATEX, IECEx, EAC, CCOE, INMETRO	Ex II 2GD Ex db IIB T4/T5/T6 Gb Ex tb IIIC T135/T100/T85°C Db Ta: -20°C ≤ Ta ≤ 105°C / 75°C / 60°C
UL	Class I Division 1 Groups C, D Division 2 Groups A, B, C, D Class II Division 1 Groups E, F, G, Division 2 Groups F, G
SIL Certificate	Up to SIL 3 certified by TÜV
Protection Rating	IP 66 / 67
Temperature	-20°C to +80°C (-4 to +176°F standard temperature range

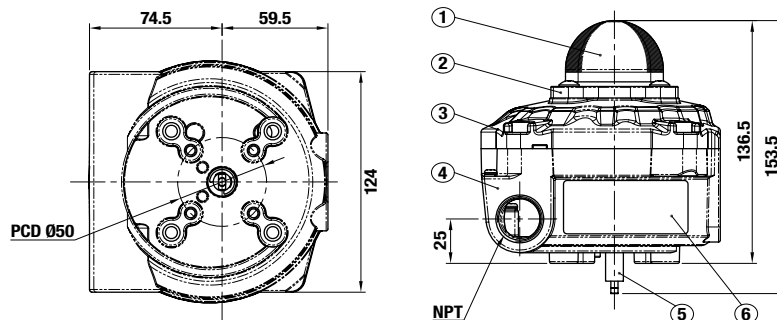
SX Series Features

- Twin shaft design
- Metallic self lubricating bushings
- Aluminium enclosure with thick protective powder coating
- Up to 3 cable entries either metric or imperial
- Multiple indicator options
- Easy wiring through terminal PCB board



With a powder coated die-cast aluminum housing and captive cover bolts, Elite Valve limit switches offer superior corrosion resistance.

Special printed circuit board eliminates all wiring from the switch element to the terminal while providing protection against short circuits. Complies to NAMUR mounting standards. NAMUR pattern mounting kits available. UL Listed, for both NEMA 4/4X and NEMA 7/9. NEMA 7/9 Class I Groups C&D, Class II Groups E, F & G Divisions 1 and 2. Solenoid termination inside switch box.



© Elite Valve, Oakville, ON, Canada. All rights reserved. All valves information and its contents hereof are proprietary to Elite Valve. Any unauthorized reproduction or disclosure, in whole or in part is strictly prohibited. All valves materials, images and data sheets in this catalogue / brochure is for general information and shall not be used for specific performance data and material selection without first consulting with Elite Valve. Elite Valve reserves the right to change the enclosed valves information without notice. Elite Valve does not accept any liability or damages arising from the use of any valve information within this document. All trademarks and registered trademarks are owned by their respective companies.

Customized valve solutions for the toughest applications

Visit us online today at **elitevalve.com**

Elite Valve



Elite Valve is committed to being a global leader in valve technology. We recognize that not all process applications are the same, and as our clients' processes vary, so should the valve technology they use. Registered as an ISO 9001 company, Elite Valve is committed to maintaining valve manufacturing technology centers, and delivering a reliable product every time called upon. In support of this commitment, Elite Valve has strategically located manufacturing and service centers within North America.

Our engineers are rewarded for innovative thinking... turning problems into opportunities and advancing product performance. Working closely with our customers is encouraged. Our modus operandi is "Strive to be the very best". It can be seen in the work we do daily. With these few words, we employ years of experience, handcrafting some of the best products available. Our ability to provide both standardized and custom-engineered solutions allows us to meet all your needs, in the most critical of applications.



2305 Wyecroft Road
Oakville, Ontario L6L 6R2



Local: (519) 756-3100
Toll-Free: (888) 339-7758



sales@elitevalve.com