

LS Series Limit Switch: Overview

Overview

Compact limit switch box, designed not only for the industrial market, but for indoor applications in hazardous areas.

Available in either glass reinforced resin or nickel plated aluminum, with flat lid or 3D indicator.

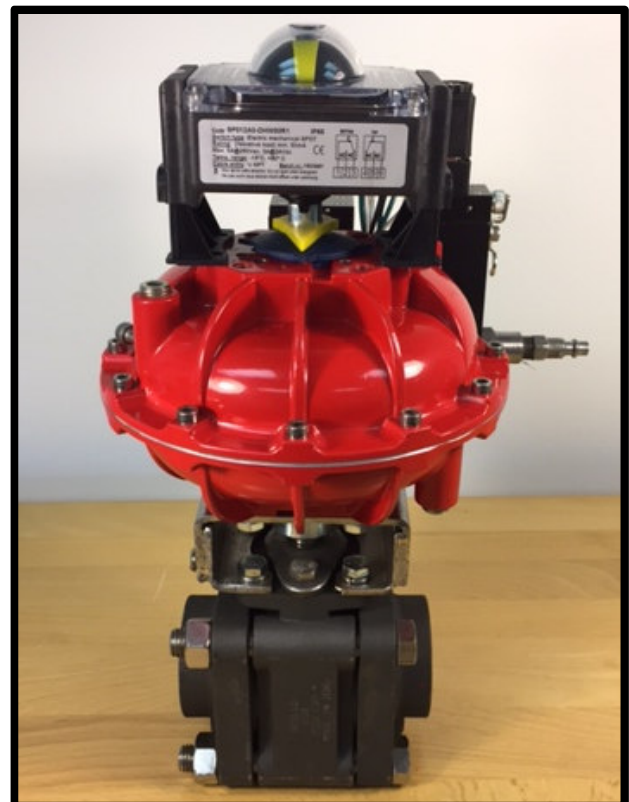
The LS series is a corrosion resistant device, able to satisfy the needings in water treatment and desalination plants, can also match the Ex ia IIC T6 standards with the integral intrinsically safe certification, covering enclosure and electrical components inside.

With these devices, we are providing a ready to mount solution, thanks to the integrated Namur mounting kit.



Features

- Glass reinforced resin enclosure with transparent polycarbonate lid, ensuring a device totally unaffected by corrosion, in salty and humid environment
- One cable entry as standard, either metrics or imperial.
- Enhanced strength on the composite enclosure, with a thick molding and durable threaded cable entries.
- Easy wiring through the terminal PCB board
- ASI communication protocol board
- Integrated mounting kit for Namur actuators



LS Series Limit Switch: Technical data

Technical Data

Materials

- Glass reinforced resin body with transparent polycarbonate cover
- Stainless steel fasteners

Approvals

ATEX, EAC:

EX II 2GD Ex ia IIC T4/T5/T6

Ex ia IIIB T44°C..... T108°C Db IP6*

Ta: $-15^{\circ}\text{C} \leq T_a \leq 80^{\circ}\text{C}$

SIL certificate:

Up to SIL 2 Certified by TÜV

Protection rating:

IP 65

Cable entries options:

One cable entry M20 or 1/2" NPT

Temperature:

$-15^{\circ}\text{C} + 80^{\circ}\text{C}$ as standard temperature range

Dimensional Data

