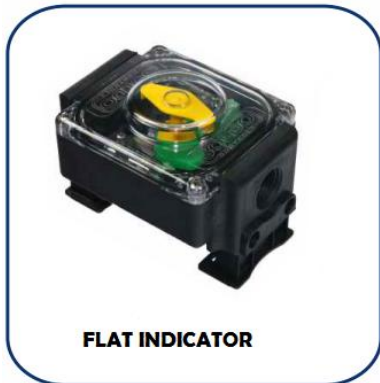




SP SWITCH BOXES



MATERIALS

BODY	VO reinforced Polyphenil Ether
COVER	UV resistant and VO polycarbonate
SHAFT	Reinforced techno polymer
FASTENERS	Stainless steel

RATINGS

Temperatures range: standard -15°C +80°C
Temp. range may vary due to switch range
Electrical: according to switch option
Consult "B02003-E-SWITCH_DATA" bulletin for switch rating

Series details

Compact limit switch box, designed not only for the industrial market, but for indoor applications in hazardous areas. Available in either glass reinforced resin, with flat lid.

The SP is a corrosion resistant device, able to satisfy the needing in water treatment and desalination plants; SP 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 atmosphere.
- One cable entry 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
- NOVA V3™ switch option ensures extreme durability and high power switching capabilities
- ASI communication protocol board
- Integrated mounting kit for Namur actuators.

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 IIB T44°C.....T108°C Db IP6* Ta: -15°C≤Ta≤80°C

SIL certificate:
Up to SIL 2 certified by TUV

Protection rating: IP 65

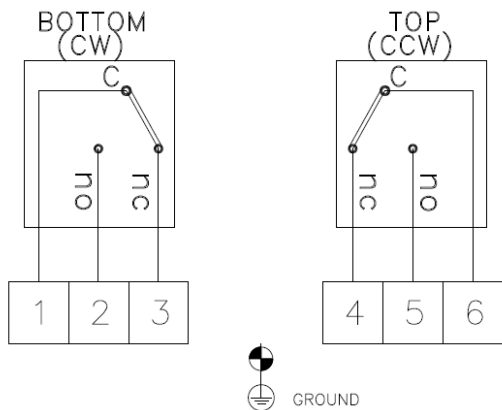
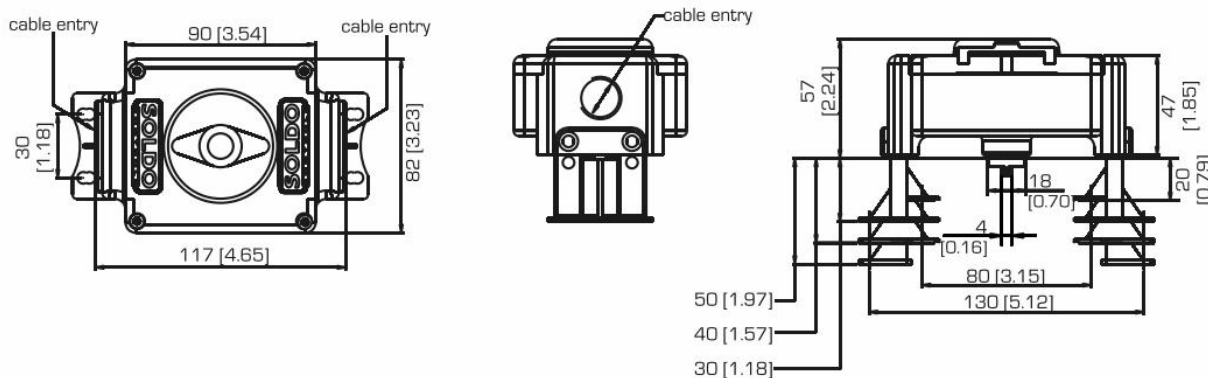
Cable entries option: One cable entry M20 or 1/2" NPT
Two cable entry M20 or 1/2" NPT (SM)T

Temperature: Standard operating temperature -15°C +80°C Lower and higher temperature options available on request.

AVAILABLE STANDARD CODES:

- SP012A0-EZW00R1** PLASTIC LIMIT SWITCH BOX N°2 MECHANICAL SENSORS
- SP732A0-EZW00T1** PLASTIC LIMIT SWITCH BOX N°2 INDUCTIVE SENSORS
- SP03220-EZA10R1** PLASTIC LIMIT SWITCH BOX N°2 MECHANICAL SENSORS ATEX
- SP70240-EZA10R1** PLASTIC LIMIT SWITCH BOX N°2 INDUCTIVE SENSORS ATEX

[DIMENSION WITH FLAT INDICATOR mm - inch]



LIMIT SWITCH FUNCTION			
	OPEN	VALVE POSITION INTERMEDIATE	CLOSED
SW2 _{top}			
SW1 _{bottom}			

Suitable for SP limit switch box housing.

Get the information you need and more at : info@aerreinox.it

In the interests of development and improvement of the product, we reserve the right to change the specifications without prior notice.