

SE (SERIES LIMIT SWITCH BOX)

The SOLD0 SE series limit switch box provides a compact design and heavy duty housing for remote electrical indication of linear valve/actuator position. Aluminium body and cover provide very high mechanical resistance. The wide variety of options make the SE series the ideal limit switch for use in heavy industries for both IP65 weather proof and intrinsically safe applications. SOLD0 has the flexibility and know how to offer an effective support whenever specific needs require the development of customised solutions.

(WEATHER PROOF)

IP65 weather proof enclosure. Sensor holes are threaded and completed with an o ring groove in order to provide a good mechanical and sealed connection between housing and proximity.

(CORROSION RESISTANT AND HEAVY DUTY HOUSING)

SE series are manufactured in a heavy duty housing made of die cast die cromated and polyester powder coated aluminium. Proximity wiring are completely enclosed into the aluminium housing.

(SAME DESIGN FOR ALL STROKES)

SE series has been designed in order to have the most compact solution to be installed onto pneumatic actuators. The same unit is suitable with various switch pitch in order to be fitted onto valves with stroke from 1/2 inch to 3 inches.

(JUNCTION BOX)

SE series can be provide with extra terminal strip to accommodate external solenoid valve and has two M20x1.5 (1/2" npt/f or PG13.5 as option) cable entries. This feature provides a significant cost saving by eliminating the need for a separate junction box and associated labour. Cable entries have a 13 mm thread thickness, this feature prevents housing damage due to very heavy cables or cable glands. Several terminal strip option are available: blue or green colour, cage clamp anti vibration or screw type.

(SWITCH OPTIONS)

SE series can be provided with different types of proximity: cylindrical diameter 8 or 12 or 18 mm inductive proximity (all inductive Namur EE ia or NPN or PNP).

(STANDARDISED MOUNTING)

Housing conforms to international dimension standards ISO F05 bolt hole locations. A complete range of stainless steel mounting kit to fit SE on pneumatic actuators.



(MATERIALS)

Body and cover	: die cast, die cromated and polyester powder coated aluminium
Fasteners	: stainless steel
Seal	: EPDM

(RATINGS)

Temperature range: standard -20°C + 80°C
optional -40°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

SE (SERIES LIMIT SWITCH BOX)

(STANDARD OPTIONS AVAILABLE - Nomenclature)

SE 20 2 0 0 - 2

cable entry **1** n°2 1/2" npt
2 n°2 M20x1.5

colour **0** black
1 blue RAL 5015

terminal strip **0** standard PCB + extra solenoid terminals
2 blue PCB + extra solenoid terminals
7 cage clamp blue + extra solenoid terminals
8 cage clamp blue

switch quantity 1 to 2 according switch type

switch type

rating

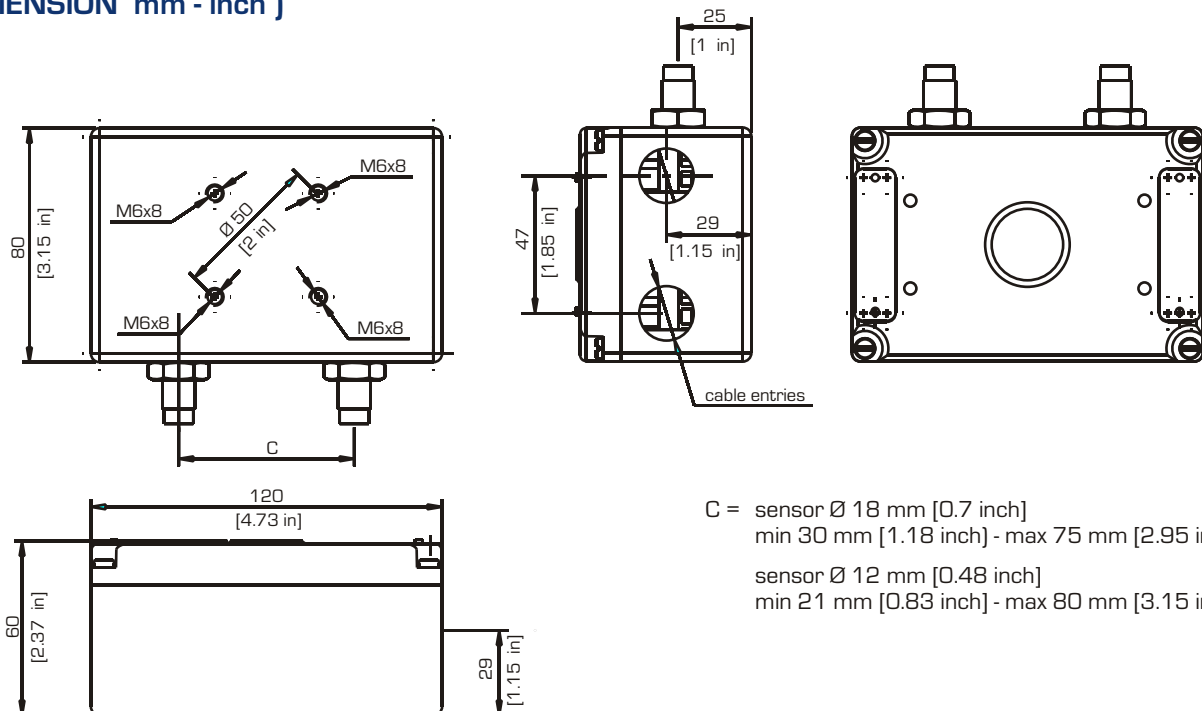
max q.ty installed

20 proximity NAMUR P+F NJ4 12GK N
24 proximity NAMUR P+F NJ2 12GK N
32 proximity NO P+F NBN4 12GM40 ZO
39 proximity NAMUR P+F NJ2 12GK SN

2 wire not amplified EEx ia IIC T6
2 wire not amplified EEx ia IIC T6
2 wire amplified, 5-60 VDC, 2-100mA
2 wire not amplified EEx ia IIC T6

2
2
2
2

(DIMENSION mm - inch)



NOTES

Terminal strip options depend on switch type.

Most of units can be provided with a pre-wired external connector.

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CONTROLS