

## LIMIT SWITCH BOX SOLDO TYPE SX (Atex)



The Soldo SX series hazardous location limit switch provides a compact design and low cost for both visual and remote electrical indication of rotary valve/actuator position. The heavy duty design and wide variety of options make the SX series the ideal multi-purpose limit switch for use in EEx d IIB applications. Our company has the flexibility and know how to offer an effective support whenever specific needs require development of customised solutions.

### Features

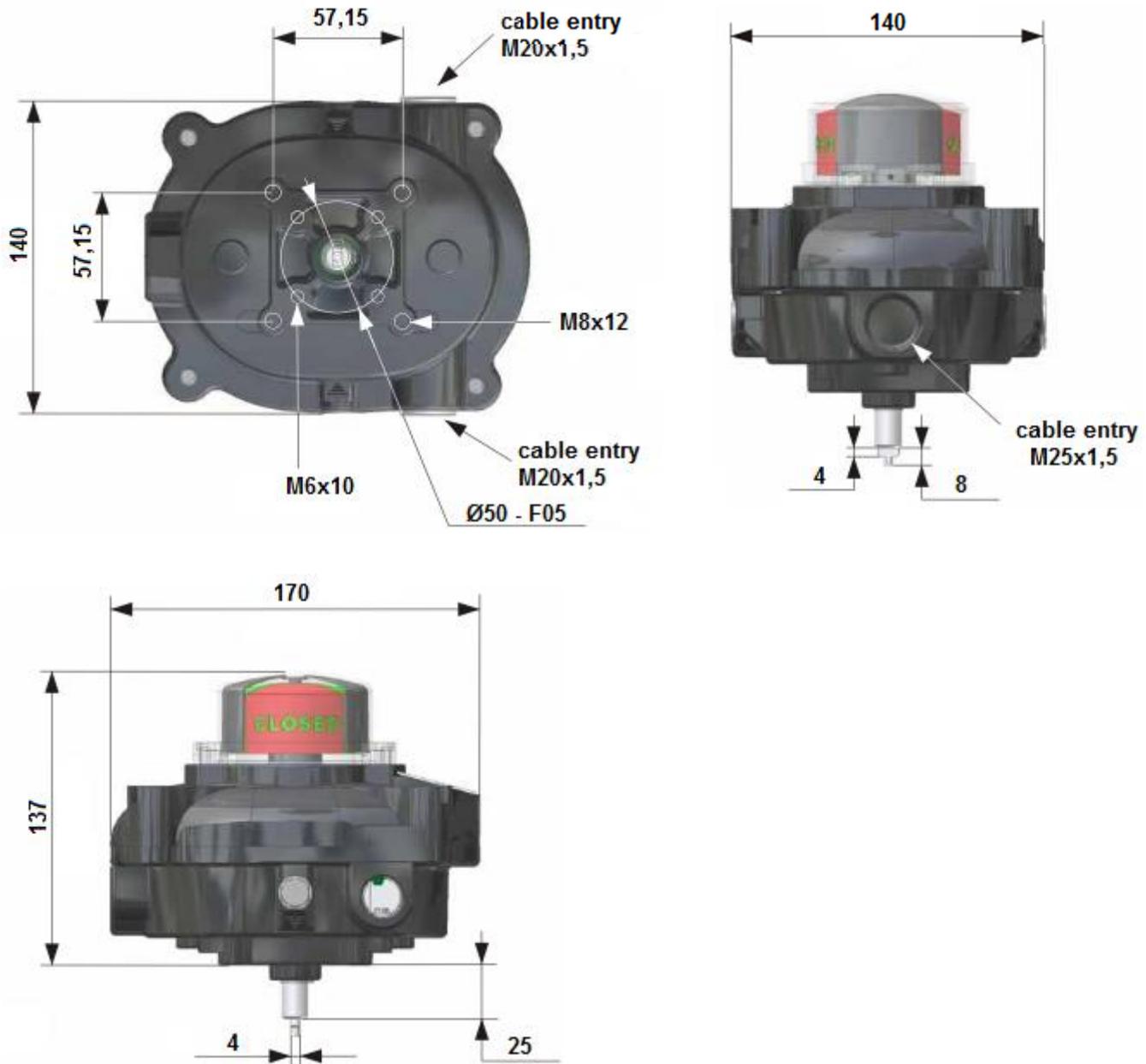
- housing available in a low copper aluminium with a highly corrosion resistive polyester powder coating, suitable for the toughest of environments
- operating temperature
  - 25°C + 60°C (T6)
  - 25°C + 75°C (T5)
  - 25°C + 105°C (T4)
  - ❄ Low temperature for ATEX execution up to - 40°C available on request
  - ❄ Low temperature for IECEx execution up to - 40°C available on request
- designed for use in according latest Atex and IEC norms
  - ⚡ **II2 G/D Exd IIB T4/T5/T6 Ex tD B21 135°C/100°C/85°C**
  - Ex d IIB T4/T5/T6 Ex tD B21 135°C/100°C/85°C**
- **3D visual indicator** . large two-colors indicator allows to see real valve position both looking from top and from side of the valve
- **IP67** Water proof

### Materials

- body and cover: die cromated and polyester powder coated aluminium
- indicator dome: UV resistant and VO Polycarbonate
- shaft: stainless steel
- fasteners: stainless steel

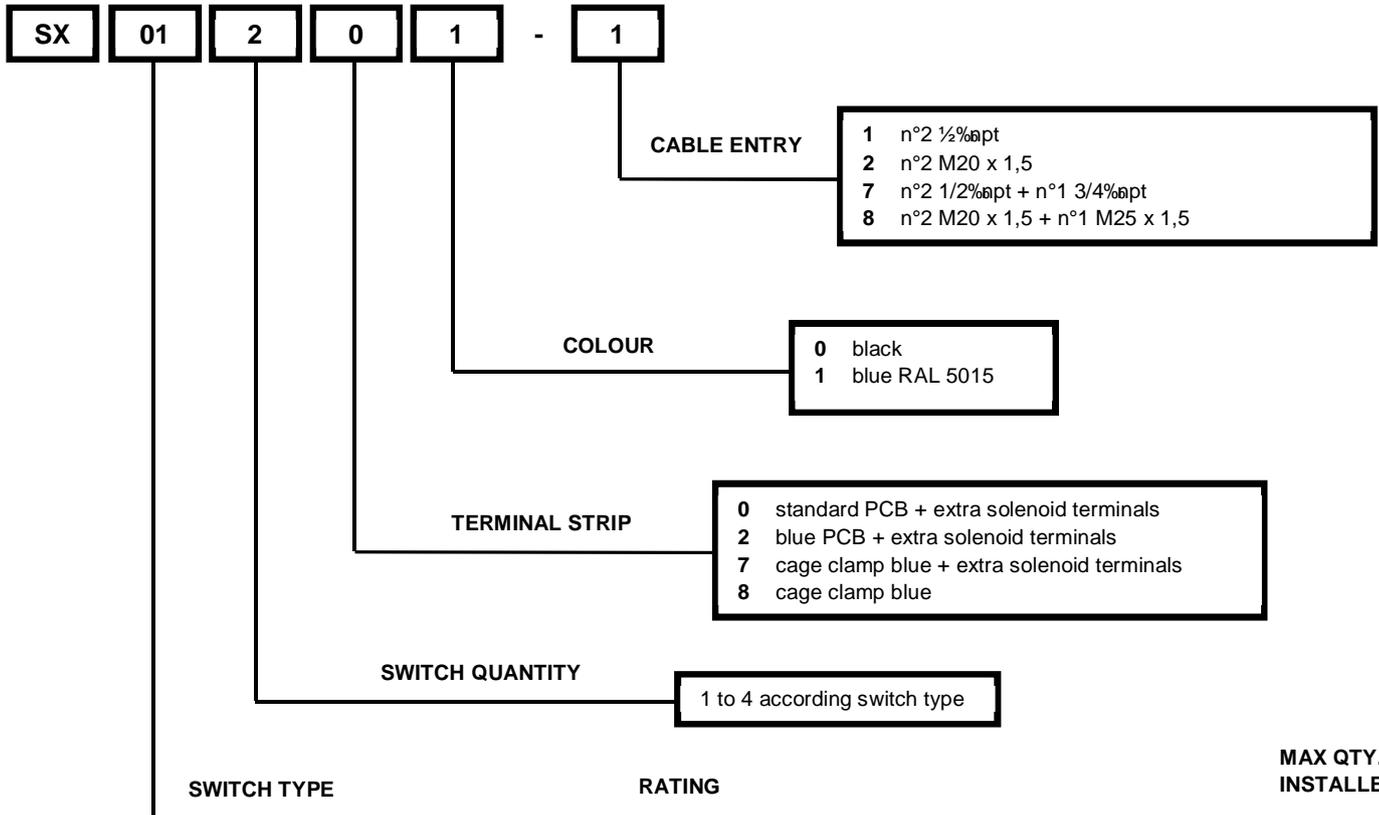
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### Dimensions (mm)



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### Standard options available



SWITCH TYPE	RATING	MAX QTY. INSTALLED
01 elektromech SPDT silver plated contacts	max 5A@250VAC-3A@24VDC min 50mA@250VAC-50mA@24VDC	4
02 elektromech SPDT gold plated contacts sealed	max 3A@250VAC-1A@24VDC min 5mA@250VAC-1mA@24VDC	4
03 elektromech SPDT gold plated contacts	max 3A@250VAC-1A@24VDC min 5mA@250VAC-1mA@24VDC	4
C3 proximity SPST inert gas hermetically sealed	max 1.5A@120VAC-0.5@24VDC (resistive/inductive)	4
C4 proximity SPDT inert gas hermetically sealed	max 1A@120VAC-1A@24VDC . max 25W	4
32 proximity NO P+F NBN4 12GM40 Z0	2 wire amplified, 5-60VDC, 2-100mA	2
73 proximity PNP NO P+F NBB2 V3 E2	3 wire amplified, 10-30VDC, 100mA	4
75 proximity NO/NC programmable IFM IS5026	2 wire amplified, 5-36VDC, 200mA	4
83 proximity NO P+F NBB3 V3 Z4	2 wire amplified, 5-60VDC, 100mA	4
91 4-20 mA transmitter	10-30VDC direct . reverse action	1