



ST2

LIMIT SWITCH BOX mod.ST2

Explosion proof ATEX/IECEEx

The limit switch box ST2 series is designed to provide an instant and reliable feedback signal for the position of a valve actuated or manually operated in Hazardous area. Exd Explosionproof type of protection. IP66/67 protection type.

Aluminum and SS CF8M Enclosure High visibility green / red status indicator. Precise cam adjustment, through spindle system. Terminal block with 10 positions. Conduit entries M20x1.5 or 1/2" NPT-F. Possibility to mount a wide range of limit switches.



TECHNICAL DATA

Switches

- ◆ Mechanical switches SPDT silver plated 3A@250VAC/3A@30VDC.
- ◆ Mechanical switches SPDT gold plated 0.1A@125VAC/0.1A@30VDC.
- ◆ Magnetic hermetically sealed proximity type SPDT 0.25A@175VDC, 0.18A@120VAC max 5W.
- ◆ Inductive NAMUR, NPN, PNP sensors.

Enclosures

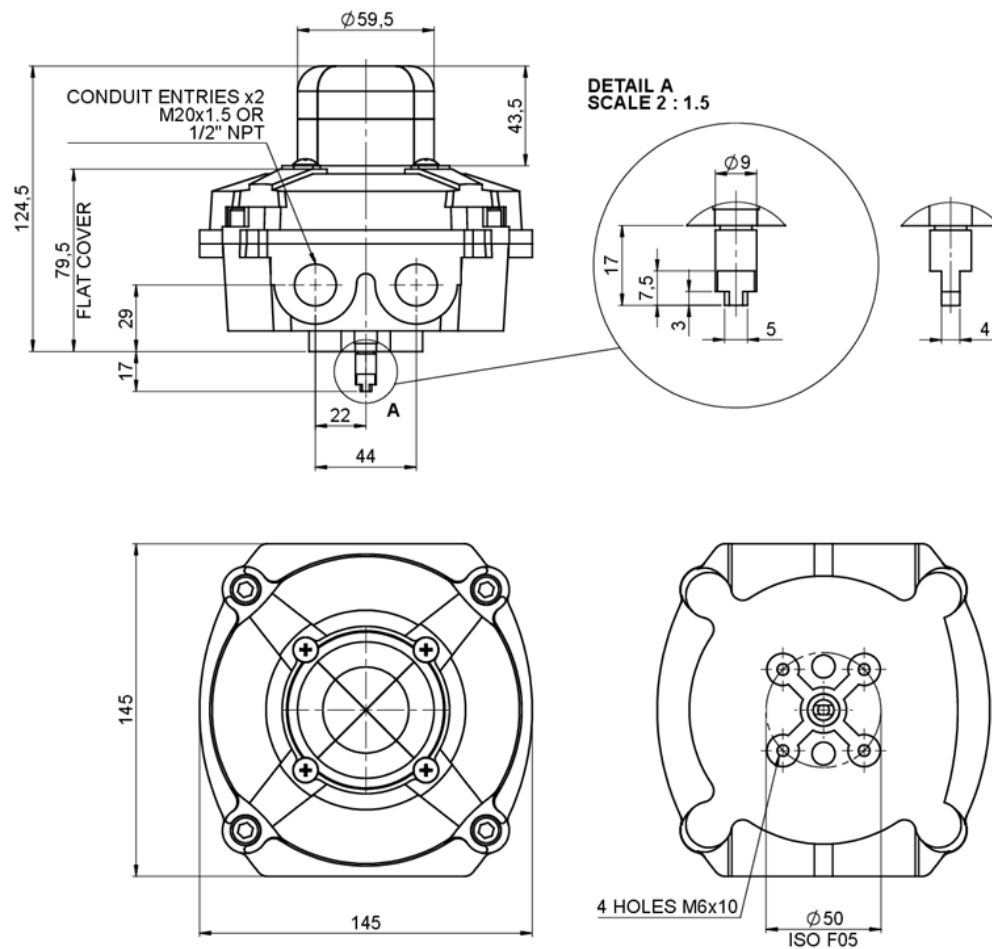
- ◆ Die cast aluminum alloy with double layer of black epoxy coating.
- ◆ CF8M (AISI-316) Stainless Steel.

Ambient temperature

- ◆ Standard: -20°C/+60°C (NBR seals)
- ◆ On request: -60°C/+60°C (Silicone seals).



ST2 ENCLOSURE DIMENSION



TECHNICAL SPECIFICATIONS

Materials of construction

◆ Enclosure	Die cast aluminum double layer epoxy coating / S.S. CF8M
◆ Namur Shaft	Stainless Steel
◆ Beacon	Polycarbonate & ABS
◆ Spring	Stainless Steel
◆ Cams	ABS
◆ O-ring	NBR / Silicone
◆ Bolts	Stainless steel CF8M
◆ Available switches	Mechanical SPDT silver plated 3A@250VAC, 6A@30VDC
◆	Mechanical SPDT gold plated 0.1A@125VAC
◆	Magnetic reed SPDT 0.416A@240VAC, 3A@30VDC
◆	Inductive 2 / 3 wires max 140VDC, PNP, NPN, NAMUR
◆ Weight	Aluminum = 1,70 Kg