



ST1

LIMIT SWITCH BOX mod.ST1

Safe area IP67

The limit switch box ST1 series is designed to provide an instant and reliable feedback signal for the position of a valve actuated or manually operated in a safe area. IP67 protection type.

Aluminum and S.S. CF8M Enclosure High visibility green / red status indicator.

Precise cam adjustment, through spindle system.

Terminal block with 8 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

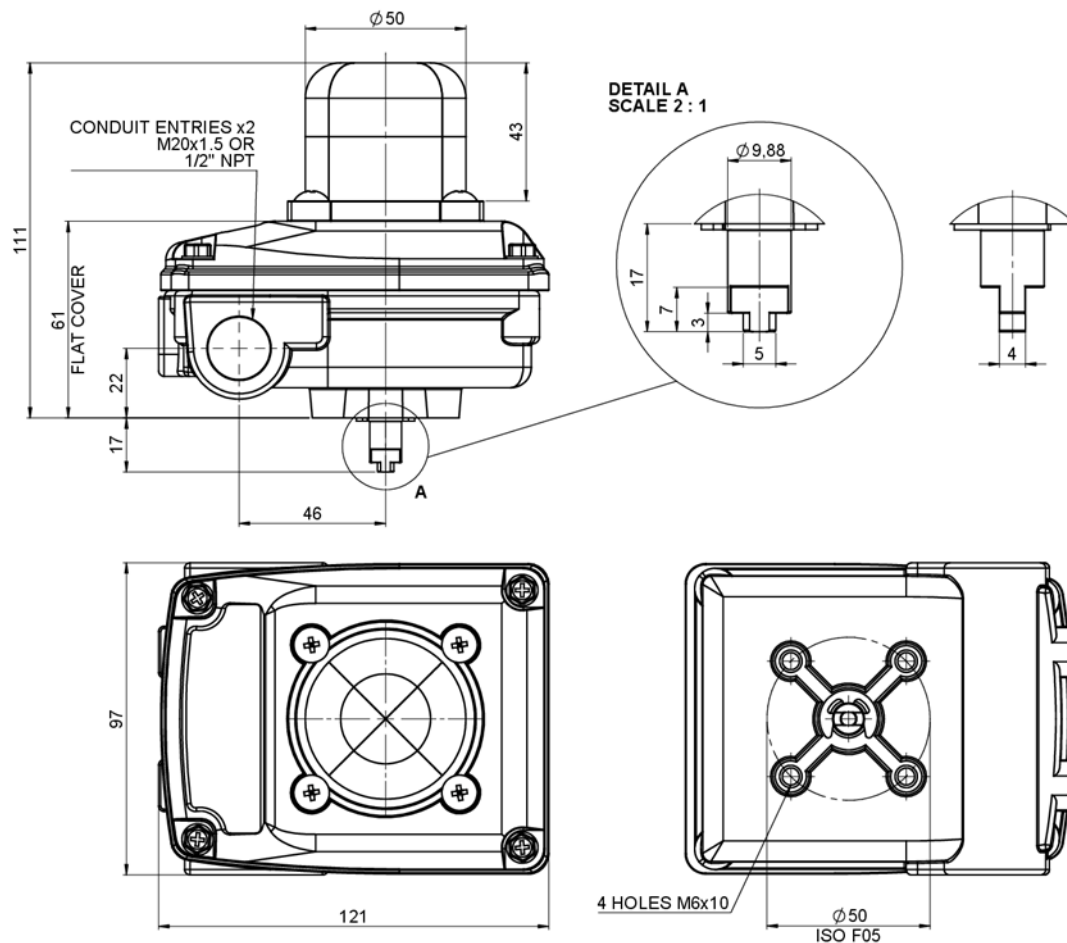
- ◆ Die cast aluminum alloy with double layer of black epoxy coating.
- ◆ CF8M (AISI-316) Stainless Steel.

Ambient temperature

- ◆ Standard: -20°C/+80°C (NBR seals)
- ◆ On request: -40°C/+80°C (Silicone seals)
- ◆ ATEX II 3D (zone 22) version on request.



ST1 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/3A@30VDC Mechanical SPDT gold plated 0.1A@125VAC/0.1A@30VDC Magnetic reed SPDT 0.25A@175VDC, 0.18A@120VAC, max 5W Inductive NAMUR, NPN, PNP sensors
Weight	Aluminum = 0,70 Kg S.S. CF8M = 1,60 Kg