

ATEX SF-3D/3GD-TYPE SOLDO SWITCH BOXES

FEATURES

The ATEX SF-type switch box is intended for equipping quarter-turn pneumatic actuators and manual valves. It makes it possible to have an easy, direct view of the valve position and of the feedback information to control. Of robust construction, it can be installed outdoors. The position indicator provides a very good visual reading of the valve position. The ATEX SF switch box can be equipped with many switches and detectors (see below). The notched cams can be manually adjusted with great accuracy, and are insensitive to vibrations.

AVAILABLE MODELS

SF-3D/3GD : IP65 ATEX model



LIMITS OF USE

Ambiant temperature	-20°C / +60°C (Zone22)
Ambiant temperature	-20°C / +41°C (Zone 2-22)
IP Code	IP 65
SF-3GD	ATEX area 2,22
SF-3D	ATEX area 22



MECHANICAL CONNECTION

Axis dimension	According to VDI/VDE 3845
Attachment	ISO 5211 F05
Stainless steel arches for attachment on to the actuator	<u>NAMUR 1</u> : 80x30x20 mm <u>NAMUR 2</u> : 80x30x30 mm <u>NAMUR 3</u> : 130x30x30 mm <u>NAMUR 4</u> : 130x30x50 mm

ELECTRICAL CONNECTION

Standard cable inputs	2 x M20x1.5
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CONSTRUCTION

Casing and lid	Aluminium
Coating	Polyester paint
Stem	Stainless steel
Dome	Polycarbonate



Information given as an indication only, and subject to possible modifications



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SWITCH DETAILS SF model

	Réf.	Switch	Features
Ex II 3D Ex tD	01	SPDT el.mech. switch silver plated contacts	Max 5A-250Vac / min 50mA-250Vac Max 5A-125Vac / min 50mA-125Vac Max 3A-24Vdc / min 50mA-24Vdc
	03	SPDT el.mech. switch gold plated contacts (for Exia cert)	Max 1,8A/3A-250Vac / min 5mA-250Vac Max 2A/3A-125vac / min 5mA-125Vac Max 1,2A/1,5A-24Vdc / min 1mA-24Vdc
	1F	DPDT el.mech. switch silver plated contacts	
Ex II 3GD Exn	C4	SPDT magnetic hermetically sealed reed switch.	Max 0,1A-120Vac / 1A-24Vdc
	C8	DPDT magnetic hermetically sealed reed switch.	Max 0,1A-120Vac / 1A-24Vdc
	N1	SPDT magnetic hermetically sealed silver plated snap acting contacts	Max 5A-250Vac / 5A-28Vdc
	N3	SPDT magnetic hermetically sealed gold plated snap acting contacts	Max 1A-250Vac / 1A-30Vdc
	N4	DPDT magnetic hermetically sealed silver plated snap acting contacts	Max 5A-250Vac / 5A-28Vdc
	6H	Inductive proximity sensor - NBB2-V3-E2	P+F - 3 wire PNP amplified 10-30Vdc

OPTIONS

There are many options for which you are invited to contact our sales service:

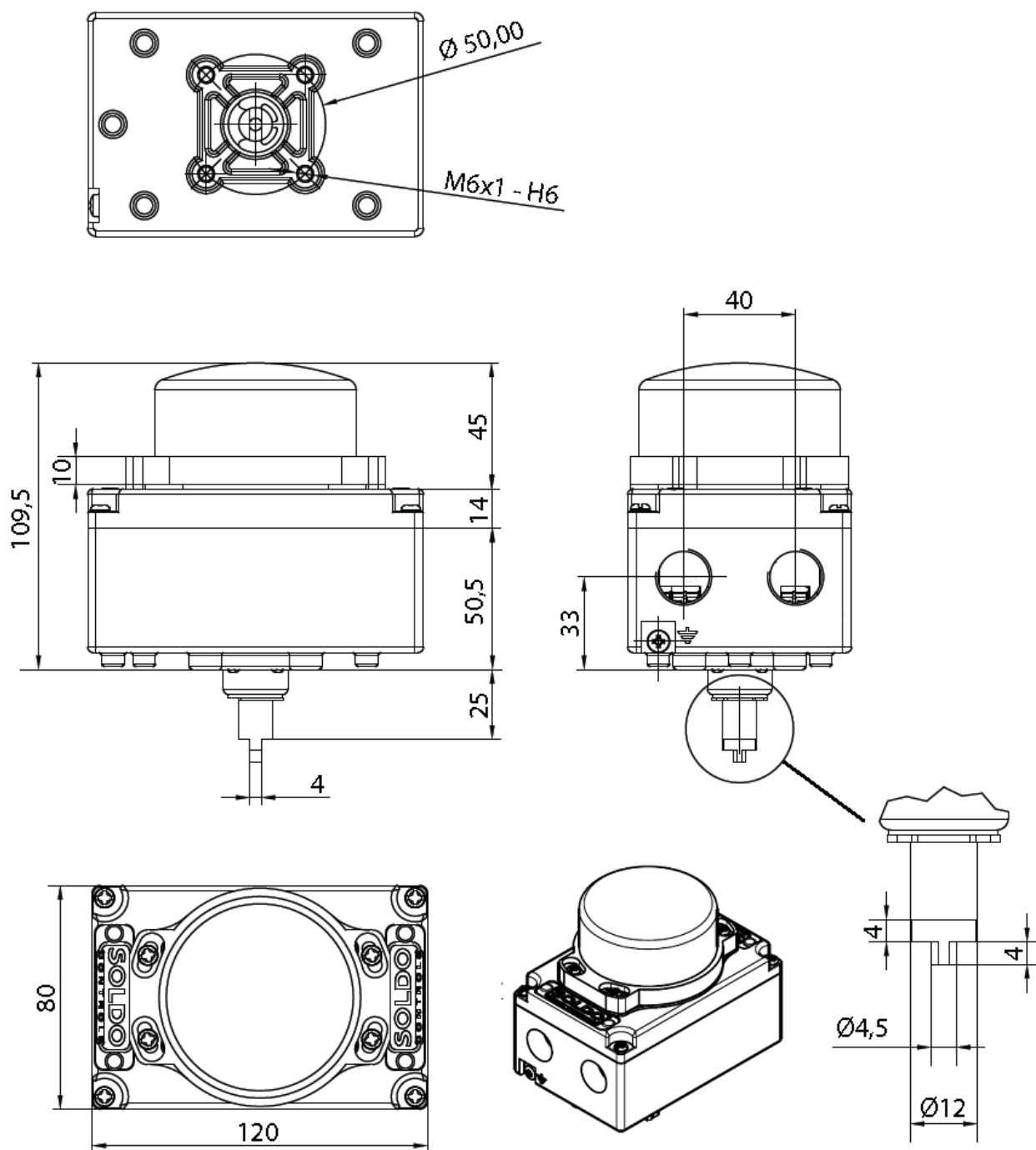
	SS : stainless steel box
	3-Channel L or T indicators
L	LT : version -40°C (according to the type of switch)
P	LT 1 : version -55°C (according to the type of switch)
1	Cable inputs 1/2" NPT
G	EAC Certificate
U	UL Certificate

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DIMENSIONS (mm)



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