LIMIT SWITCH BOX mod.STR





FEATURES

"Quick Set" Cams

Cams can be easily adjusted manually and independently without the need for additional tools through the high-resolution spline cams.

Easy Wiring

The STR series is equipped as standard with No.2 conduit entries M20x1.5 (1/2" NPT on request) and No.1 terminal strip with 10 point, angled to allow for easy wiring. SJ3.5 models are equipped with No.1 terminal strip with 8 point.

High Visibility Indicator

The STR series comes standard with a high visibility green / red (OPEN / CLOSED) beacon (other options available).

Mounting Bracket

NAMUR brackets for mounting on actuator 30x80 and 30x130, pinion h. 20mm, 30mm and 50mm, equipped as standard.

TECHNICAL DATA

Switches

- Mechanical SPDT silver plated 3A@250VAC / 3A@30VDC.
- Mechanical 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.

Enclosure

- Techno polymer.

Ambient Temperature

- Standard: -20°C/+80°C (-4°F/+176°F).

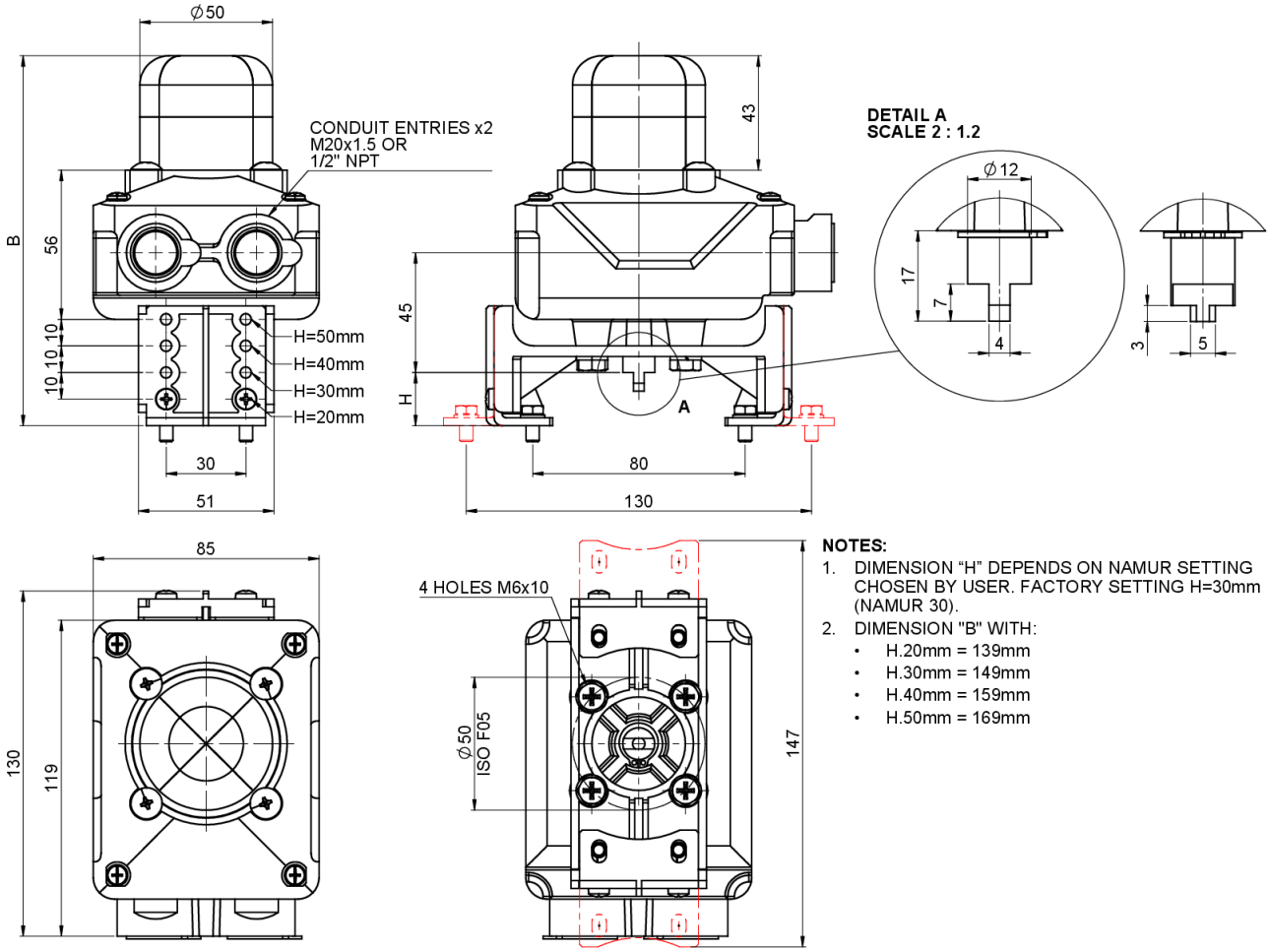
Cable Entries

- Standard: M20x1.5.
- Optional: 1/2" NPT.

Terminal Strip

- Standard: 10 point optimized for single coil solenoid valve.
- Optional: 10 point optimized for dual coil solenoid valve.

STR ENCLOSURE DIMENSION



TECHNICAL SPECIFICATIONS

Materials of construction

Enclosure	Techno polymer
Namur Shaft	Techno polymer
Beacon	Polycarbonate & ABS
Spring	Stainless Steel
Cams	ABS
O-ring	NBR
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	0,40 Kg

HOW TO ORDER

Housing						
STR	Sendertop (Techno polymer series)					
	Type					
	M	Mechanical switches				
	I	Inductive proximity sensors				
	G	Magnetic proximity switches				
		Conduit entries				
		N	1/2" NPT-F			
		M	M20 x 1,5			
			Number of switches / sensors			
			1	One		
			2	Two		
				Indicator		
				VR	STD, forma A, green/red	
				2	L port, forma A, 3 way	
				3	T port, forma A, 3 way	
				4	Arrow, forma A, 3 way	
					Switches / Sensors	
					1	OMRON SS-5 or SSG (mech., SILVER PLATED, SPDT, 3A@250VAC, 30VDC)
					2	OMRON SS-01 (mech. GOLD PLATED, SPDT, 0.1A@125VAC, 30VDC)
					0	HAMLIN 59140 (magn., SPDT, 0.25A@175VDC, 0.18@120VAC, max 5W)
					A	NS 5002 (NC, NAMUR, 2 wires, 7.5…30VDC)
					B	IS 5001 (NO, PNP, 3 wires, 10…30VDC)
					D	IS 5026 (NO / NC, PNP / NPN, 2 wires, 5…36VDC)
					F	NJ2 V3 N (NC, NAMUR, 2 wires, 8.2VDC)
					G	NBB2 V3 E2 (NO, PNP, 3 wires, 10…30VDC)
					H	NBB3 V3 Z4 (NO, 2 wires, 5…60VDC)
					K	NBB2 V3 E3 (NC, PNP, 3 wires, 10…30VDC)
					L	NBB2 V3 E0 (NO, NPN, 3 wires, 10…30VDC)
					M	SJ-3,5N (NC, NAMUR, 2 wires, 8.2VDC)
					N	NCB2 V3 N0 (NC, NAMUR, 2 wires, 8.2VDC)
					Q	SJ-3,5SN (NC, NAMUR with safety function, 2 wires, 8.2VDC)
					R	SJ-3,5S1N (NO, NAMUR with safety function, 2 wires, 8.2VDC)
						Special options
						1 Circuit board 7-8-7-9
						2 Circuit board 7-8-9-10
STR	M	M	2	VR	1	Mod. numb.=**STRMM2VR1**

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