

UNIVERSALS BE-BS40 LIMITS SWITCH BOXES

FEATURES

The universals BE/BS40 switch boxes are intended for quarter-turn pneumatic actuators equipment. It allows an easy and direct visualization of the position of the and valve and feedback information to the control. With a compact and economic construction, it can be installed outdoors. This switch boxes are provided with a NAMUR universal fixation system. BE/BS40 enclosures can be equipped with multiple switches and sensors (see below). The notched cams can be manually adjusted with great accuracy, and are insensitive to vibrations.

AVAILABLE MODELS

BE40 : model mechanical switches IP66/67

BS40 : model proximity sensors IP66/67



On request

LIMITS OF USE

Ambiant temperature	-20°C / +80°C
IP Code	IP 66/67

MECHANICAL CONNECTION

Axis dimension	According to VDI/VDE 3845
Plastic brackets for fixation on the actuator	NAMUR 1 : 80x30 NAMUR 2 : 80x30 NAMUR 3 : 130x30 Height of axis : 20, 30, 40, 50



ELECTRICAL CONNECTION

Standard Cable Entries	2 x M20 x 1,5
Gland (included)	2 x M20 x 1,5
Cable entries (option)	2 x 1/2" NPT

BE/BS40 SWITCH DETAILS

Réf.	Switch	Features
BE40	2 mechanical switches SPDT silver	Max 3A-250 Vac Max 5A-125 Vac Max 3A-30 Vcc
BS40	2 proximity sensors 3 wires	PNP 10 - 30 Vdc P+F NBB2 V3 E2

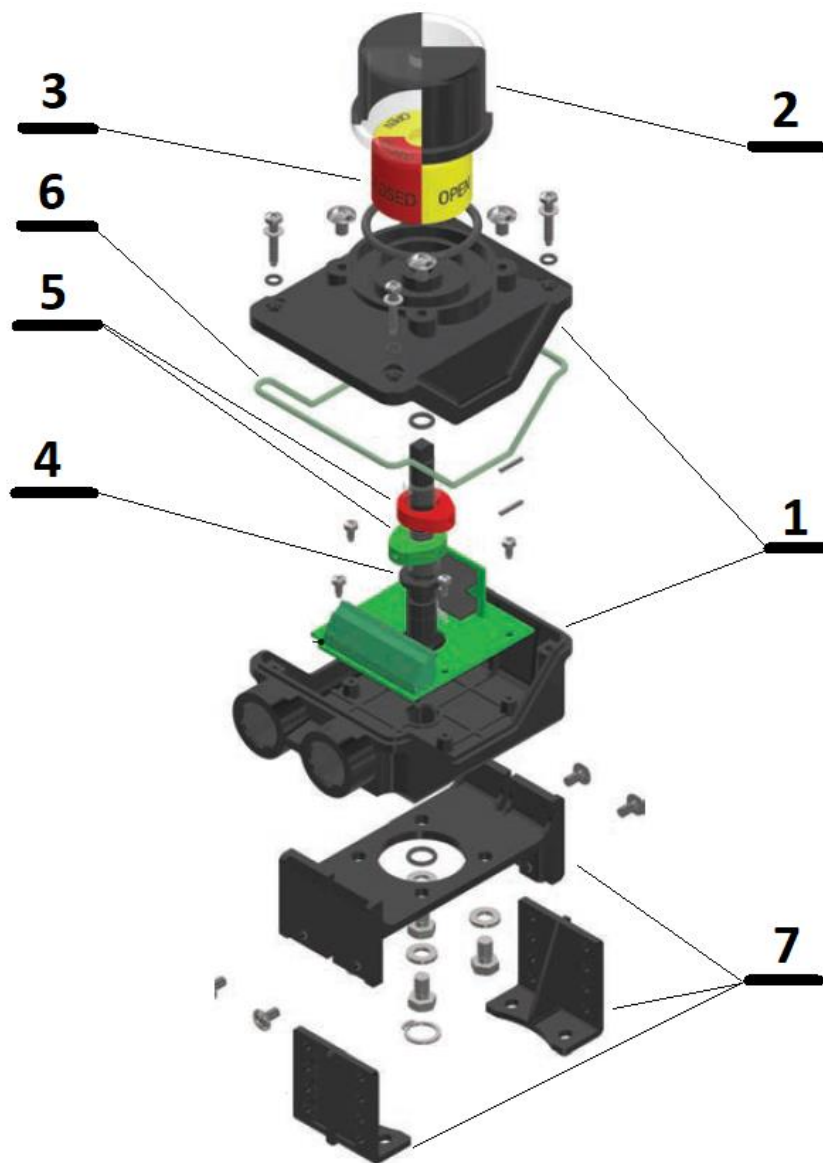
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CONSTRUCTION

No.	Name	Materials
1	compact housing	Reinforced with 50% glass fiber PA66
2	Lid (dome)	UV resisting polycarbonate
3	3D Indicator (OPEN/CLOSED)	ABS
4	Shaft	Reinforced with 50% glass fiber PA66
5	Cam	ABS
6	Gasket	NBR
7	Universal bracket	Reinforced with 50% glass fiber PA66
	Weight (kg)	0,4

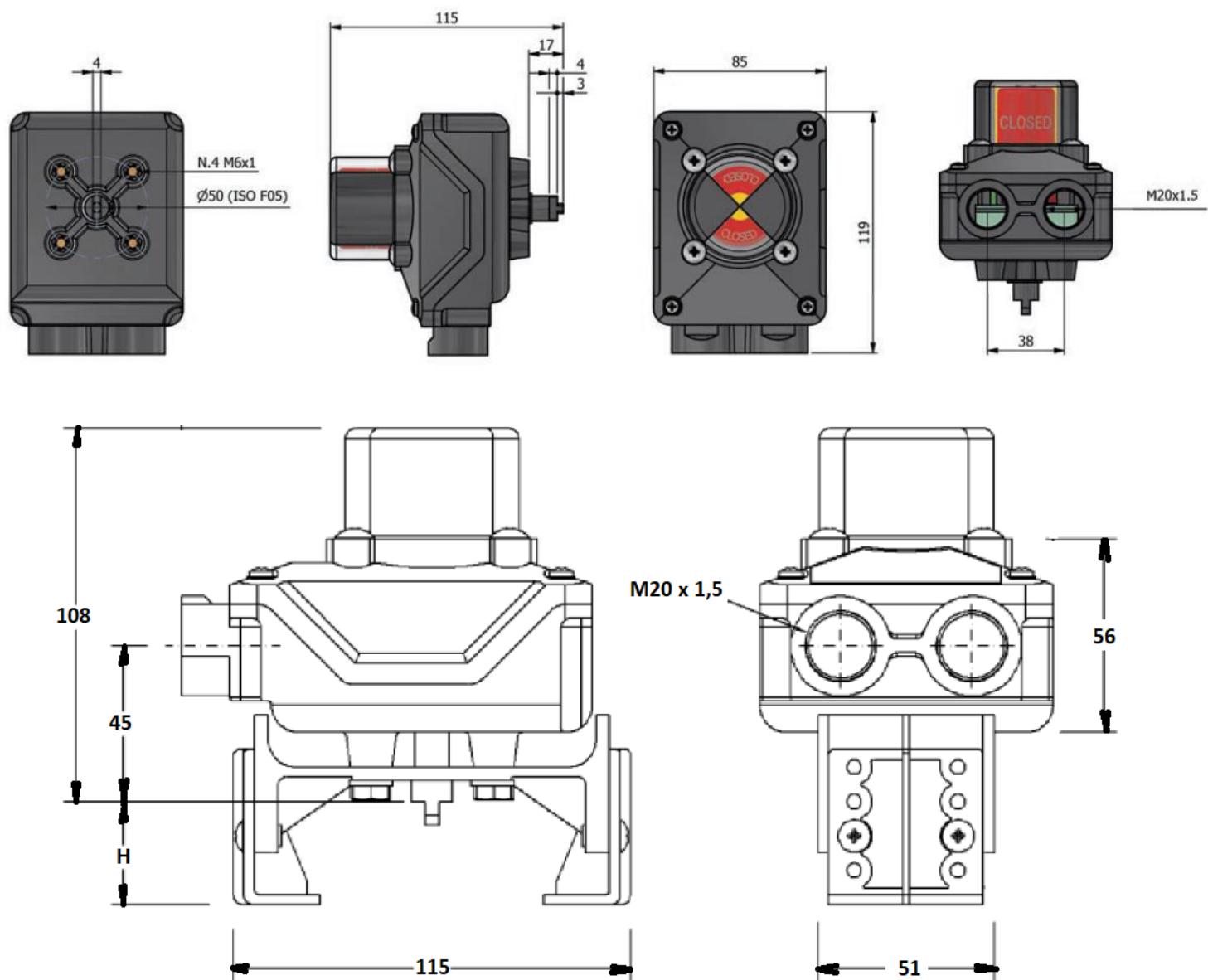


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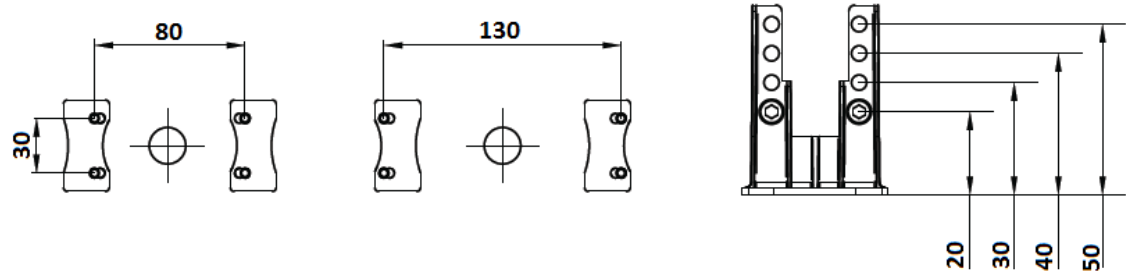
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DIMENSIONS (mm)



Note: the 'H' dimension depends on the Namur setting chosen by the user. Factory setting H = 30 mm (Namur 30).



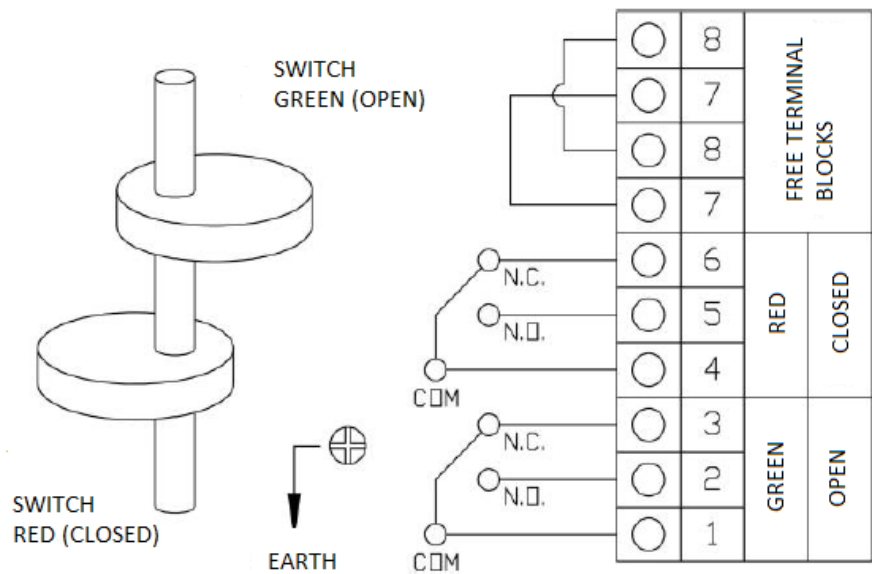
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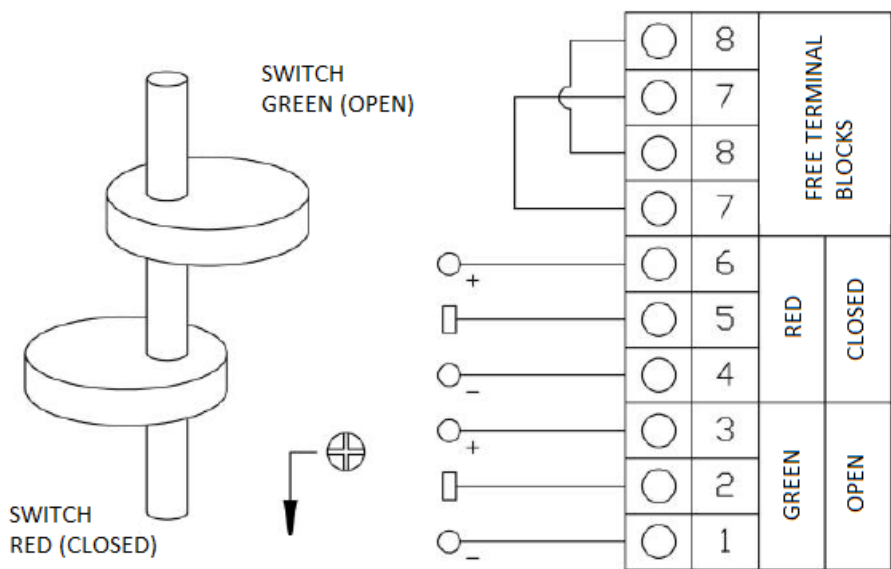
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WIRING DIAGRAMS

A) Two SPDT micro switches, mechanical or magnetic



B) 3-wire cubic inductive/proximity sensors



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SPARE PARTS

BE-BS40 Limits switch boxes	
Universal plate kit	
https://www.sectoriel.com/fr/be40-boitier-fin-de-course-universel-carter-plastique-ip66-67.html	

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