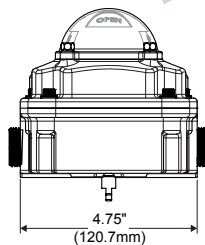
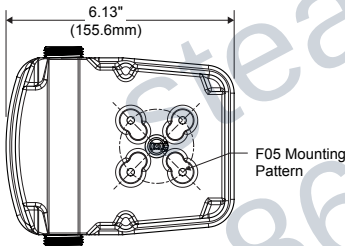
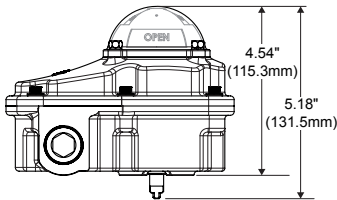




DIMENSIONS



FEATURES

- IP66 / 67
- NEMA 4, 4x
- High Visibility Indicator Dome
- Up to 20 Terminals
- SIL 3 Capable Option

TECHNICAL DATA

General Specifications

Body Material	Die cast aluminum
Indicator Dome	Polycarbonate
Coating	Grey polyester
Conduit Thread	3/4" NPT or M25
Conduit Quantity	2
Temperature Range	-13°F to 149°F (-25°C to 65°C)
Approx. Weight with 2 x SPDT	2.4 lbs / 1.1 kg
Mounting Pattern	VDI/VDE 3845
Terminal	12 or 20 Pole configurations
O-Rings	EPDM

Indicator Options	Open (yellow) Closed (red) Open (green) Closed (red)	Open (black) Closed (yellow) Open (red) Closed (green)
Ratings	IP66/67 & NEMA 4, 4x	
Certification	cULus on most models. CE Declaration	
Hazardous Locations (Optional)	ATEX, IECEx, cULus for intrinsic safety	

Mechanical Switches

Switch Type	SPDT	SPDT Low Power	DPDT-DB	Reed Switches
Switch Ratings	10A, 250V AC 1/2 HP, 250V AC 0.25A, 250V DC 0.5A, 125V DC	0.1A, 125V AC 0.1A, 30V DC 1mA, 4V AC/DC min	10A, 250V AC 3/4 HP, 250V AC 10A, 28V DC Res. 7A, 28V DC Ind.	SPDT 180 mA, 110V AC 830 mA, 24V DC 20W max.
Max Number of Switches	6	6	2	6
Approvals	cULus, SIL 3 Capable	cULus, SIL 3 Capable	cULus, SIL 3 Capable	SIL 3 Capable
3-Wire DC Proximity Switches	PNP N.O.	PNP N.C.	NPN N.O.	NPN N.C.
Power Supply	Class 2	Class 2	Class 2	Class 2
Operating Voltage	10-30V DC	10-30V DC	10-30V DC	10-30V DC
Load Current	≤ 100 mA	≤ 100 mA	≤ 100 mA	≤ 100 mA
Current Consumption	≤ 15 mA	≤ 15 mA	≤ 15 mA	≤ 15 mA
Leakage Current	≤ 0.5 mA	≤ 0.5 mA	≤ 0.5 mA	≤ 0.5 mA
Voltage Drop	≤ 3V	≤ 3V	≤ 3V	≤ 3V
Max Number of Switches	6	6	6	6
Approvals	cULus	cULus	cULus	N/A

2-Wire Proximity Switches

	140V N.O.	250V N.O.
Operating Voltage	20-140V AC 10-140V DC	20-250V AC 10-300V DC
Load Current	5-200 mA	≤ 100 mA
Leakage Current	≤ 0.8 mA	≤ 1.7 mA
Voltage Drop	≤ 7V	≤ 6V
Max Number of Switches	6	6
Approvals	N/A	N/A

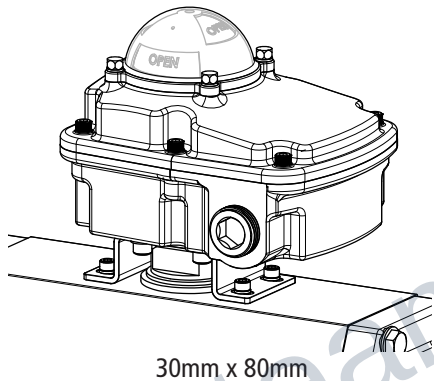
NAMUR I.S. Switches

Current Consumption	≥ 3 mA (deactivated)	UL/cUL	Class I, Division 1, Groups A, B, C, & D, T6 Class II, Division 1, Groups E, F, & G, T85°C Class III	
	≤ 1 mA (activated)			
Nominal voltage	8.2 V			Class I, Zone 0, AEx ia IIC T6 Class I, Zone 1, AEx ia IIC T6 Ex ia IIC Gb T6
Max Power	64 mW			
Max Voltage	16 V			
Switch	P+F NJ2-V3-N	ATEX	 II 1G Ex ia IIC Ga T6 II 2G Ex ia IIC Gb T6	
Max Current	25 mA	IECEx	Ex ia IIC Ga T6 Ex ia IIC Gb T6	
Effective Capacitance (C _f)	≤ 40 nF			
Effective Inductance (L _f)	≤ 50 µH	Ambient	Zone 0 or 1G: -25°C ≤ Ta ≤ +49°C Zone 1 or 2G: -25°C ≤ Ta ≤ +65°C	
Max Number of Switches	6			
Approval	cULus, ATEX, IECEx, SIL 3 Capable			

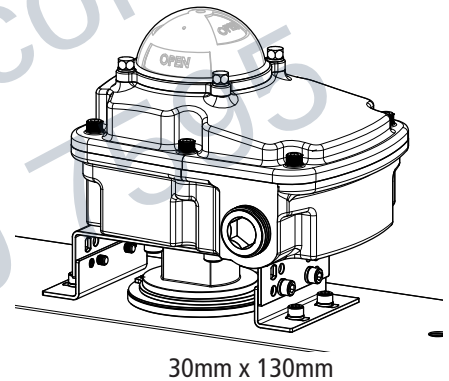
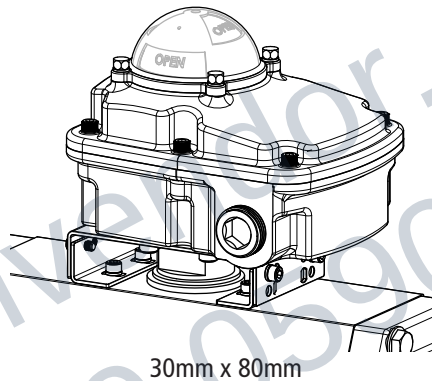
BRACKET

Bracket Type	NAMUR Pattern	Actuator Series	Actuator Size	VSM / Actuator	Std. Part No.
Single Piece	30 x 80	92 / 93	063 - 128	Imperial / Imperial	5B0000-22600534
				Imperial / Metric	5B0000-22630534
				Metric / Metric	5B0000-22650534
		98	All	Imperial / Metric	5B0000-22630534
				Metric / Metric	5B0000-22650534
Adjustable	30 x 80 or 30 x 130	92 / 93	063 - 210	Imperial / Imperial	5B0000-22601534
			063 - 255	Imperial / Metric	5B0000-22631534
				Metric / Metric	5B0000-22651534
		98	All	Imperial / Metric	5B0000-22631534
				Metric / Metric	5B0000-22651534

Single Piece Bracket



Adjustable Bracket for both 30x80 and 30x130 NAMUR mounting pads
(fits all S92/93/98 actuators)



PART NUMBERING SYSTEM

5B000X-126X XXX / E X

Thread Type	
0	Imperial
5	Metric

Switch Option	
A	SPDT Mechanical Switch
B	SPDT Mechanical Gold Plated Switch (Low Power)
C	PNP N.O., 3-Wire Switch
D	NPN N.O., 3-Wire Switch
E	PNP N.C., 3-Wire Switch
F	140V, 2-Wire Switch
G	250V, 2-Wire Switch
H	NAMUR Intrinsically Safe Switch
K	SPDT Reed Switch
M	DeviceNet Module
N	AS-i Module
P	Profibus DP Module
R	NPN N.C., 3-Wire Switch
S	DPDT-DB Mechanical Switch

Switch Configuration	
2	2 Switches
3	3 Switches, Independent
4	4 Switches, Independent
5	4 Switches (2 Independent, 2 Auxiliary)
6	6 Switches (4 Independent, 2 Auxiliary)

Indicator Language	
E	English

Indicator Color	
2	Red Closed/ Green Open
3	Yellow Closed/ Black Open
4	Green Closed/ Red Open

No Additional Characters	
Standard English Red Closed/Yellow Open	

Body Material	
536	Polyester coated die-cast aluminum

HEADQUARTERS

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bray.com

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