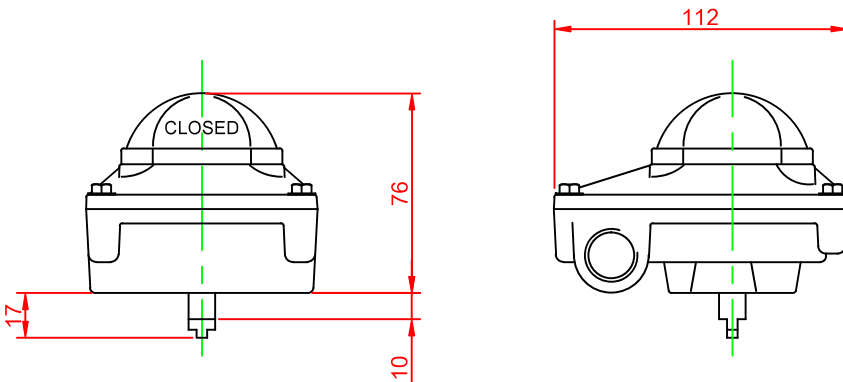
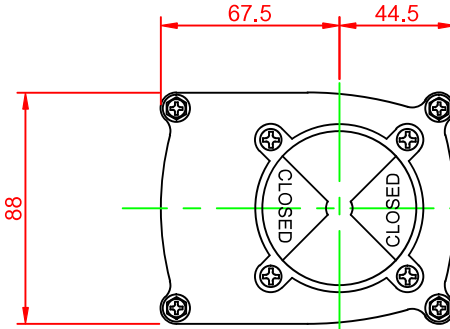
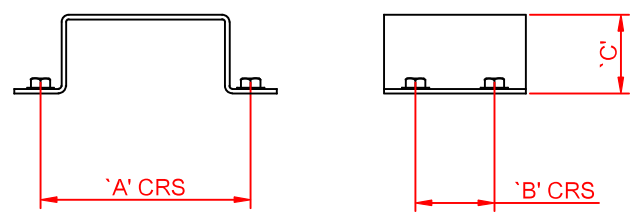




Mounting Bracket



Bracket	A	B	C	Application
MBP-100	80	30	30	80 x 30 x 20
MBP-200	80	30	40	80 x 30 x 30
MBP-300	130	30	40	130 x 30 x 30
MBP-400	130	30	60	130 x 30 x 50

Description:

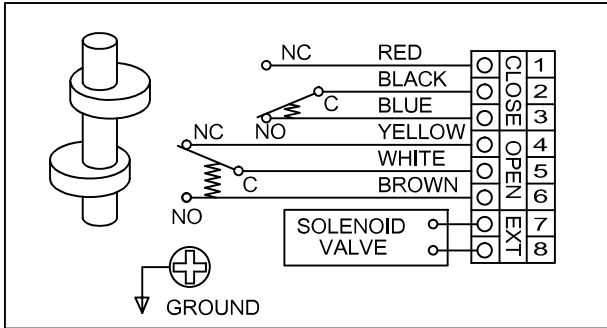
Powder Coated Aluminium Switchbox to IP67 fitted with 2 x SPDT switches for indication of fully open and fully closed positions. Solid and compact design with high visibility beacon indicator. Captive cover bolts are safely retained during installation and maintenance. The spring loaded splined cams are easily adjustable with no tools required. Dual cable entries are provided. The switchbox is mounted to the actuator using a NAMUR standard stainless steel mounting bracket.

Standard Specification:

Enclosure Material	:	Die Cast Aluminium
Enclosure Rating	:	IP67
Enclosure Finish	:	Polyester powder coating (Black)
Shaft Material	:	Stainless Steel
Cable Entries	:	2 x M20 (Options PG13.5 & 1/2"NPT)
Limit Switch Type	:	2 x SPDT, Mechanical
Voltage/Amps	:	250V AC/16A, 125V AC/16A, 250VDC/0.3A, 125VDC/0.6A, 30VDC/10A
Ambient Temperature	:	-20° to +80° C

Options:

Enclosure Rating	:	IP68
Enclosure Finish	:	Various colours
Proximity sensors	:	See Data Sheets: 2.11.1 & 2.12.1
Beacon Indicator	:	3 Way Indication
Switch Type	:	2 x SPDT with Gold Contacts



Description:

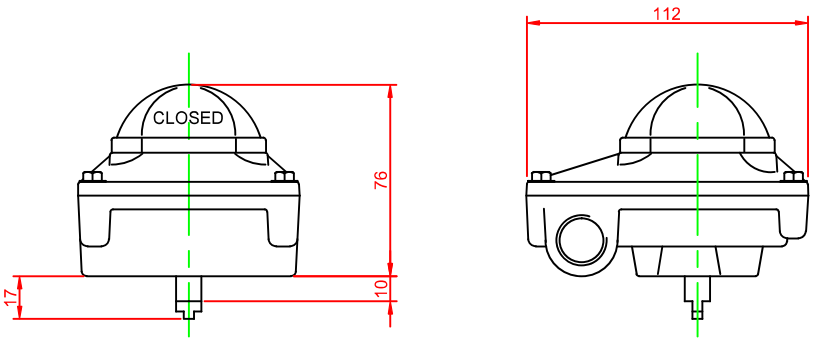
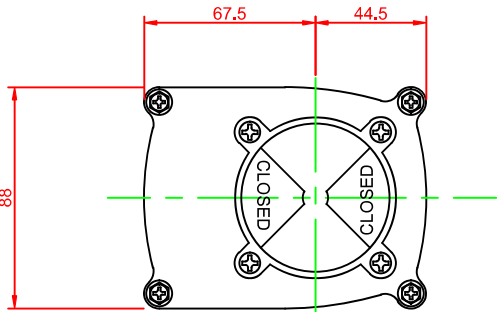
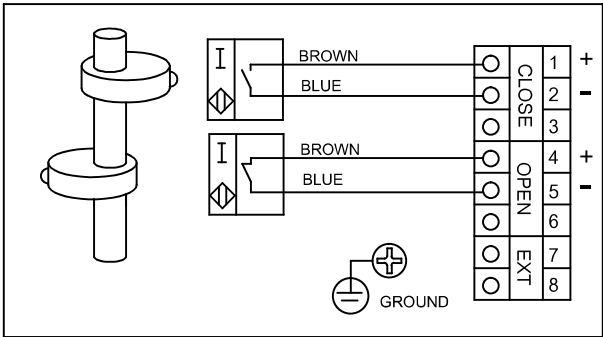
Powder Coated Aluminium Switchbox to IP67 fitted with 2 x 2 Wire Proximity sensors for indication of fully open and fully closed positions. Solid and compact design with high visibility beacon indicator. Captive cover bolts are safely retained during installation and maintenance. The spring loaded splined cams are easily adjustable with no tools required. Dual cable entries are provided. The switchbox is mounted to the actuator using a NAMUR standard stainless steel mounting bracket.

Standard Specification:

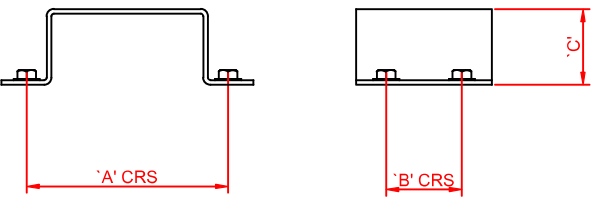
Enclosure Material	:	Die Cast Aluminium
Enclosure Rating	:	IP67
Enclosure Finish	:	Polyester powder coating (Black)
Shaft Material	:	Stainless Steel
Cable Entries	:	2 x M20 (Options PG13.5 & 1/2"NPT)
Sensor Type	:	2 x P & F NJ2-V3-N Proximity Sensors
Sensor Rating	:	Atex IIG Eexia IIC T6
Voltage	:	8V DC - 2 Wire
Ambient Temperature	:	-20° to +80° C

Options:

Enclosure Rating	:	IP68
Enclosure Finish	:	Various colours
Proximity sensors	:	3 Wire - See Data Sheet: 2.12.1
Beacon Indicator	:	3 Way Indication



Mounting Bracket



Bracket	A	B	C	Application
MBP-100	80	30	30	80 x 30 x 20
MBP-200	80	30	40	80 x 30 x 30
MBP-300	130	30	40	130 x 30 x 30
MBP-400	130	30	60	130 x 30 x 50

DATA SHEET No.
2.11.1

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Description:

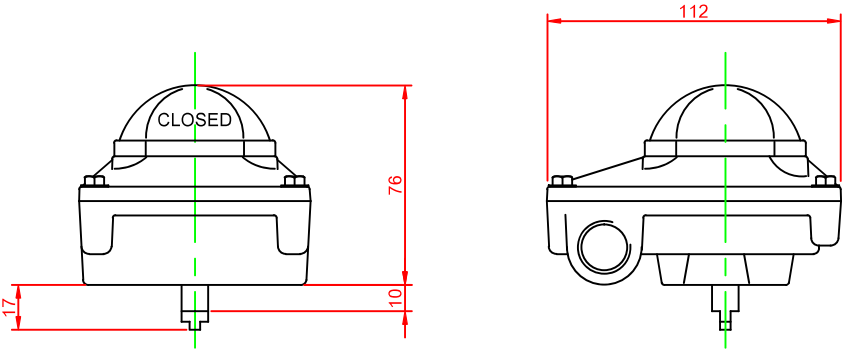
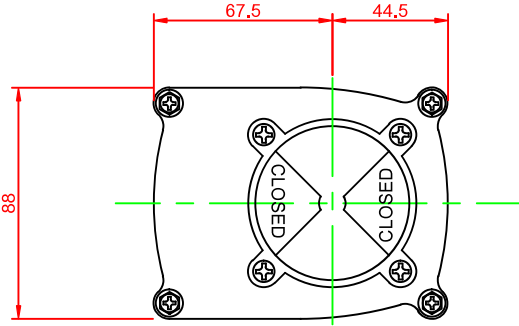
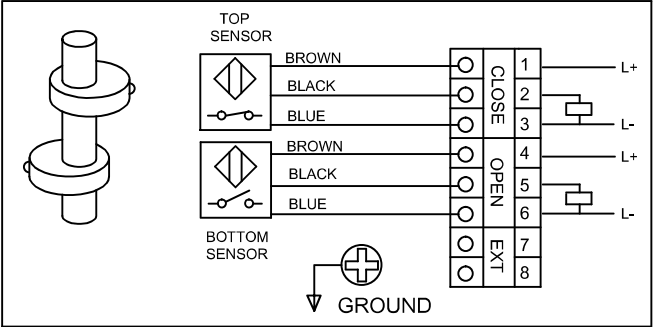
Powder Coated Aluminium Switchbox to IP67 fitted with 2 x 3 wire Proximity sensors for indication of fully open and fully closed positions. Solid and compact design with high visibility beacon indicator. Captive cover bolts are safely retained during installation and maintenance. The spring loaded splined cams are easily adjustable with no tools required. Dual cable entries are provided. The switchbox is mounted to the actuator using a NAMUR standard stainless steel mounting bracket.

Standard Specification:

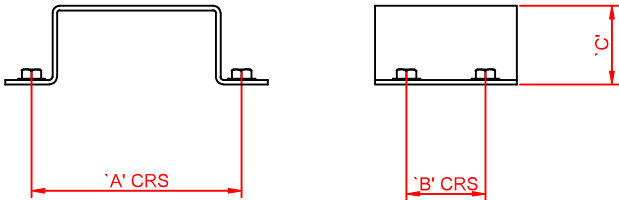
Enclosure Material	:	Die Cast Aluminium
Enclosure Rating	:	IP67
Enclosure Finish	:	Polyester powder coating (Black)
Shaft Material	:	Stainless Steel
Cable Entries	:	2 x M20 (Options PG13.5 & 1/2"NPT)
Sensor Type	:	2 x P & F NBB2-V3-E2 Proximity Sensors
Switching Element Function	:	PNP NO
Voltage	:	10V - 30V DC - 3 Wire
Ambient Temperature	:	-20° to +80° C

Options:

Enclosure Rating	:	IP68
Enclosure Finish	:	Various colours
Proximity sensors	:	2 Wire - See Data Sheet: 2.11.1
Beacon Indicator	:	3 Way Indication
Sensor Type	:	2 x NBB2-V3-Z4 (2 wire 5 to 60vDC)



Mounting Bracket



Bracket	A	B	C	Application
MBP-100	80	30	30	80 x 30 x 20
MBP-200	80	30	40	80 x 30 x 30
MBP-300	130	30	40	130 x 30 x 30
MBP-400	130	30	60	130 x 30 x 50

DATA SHEET No.
2.12.1

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D

Description:

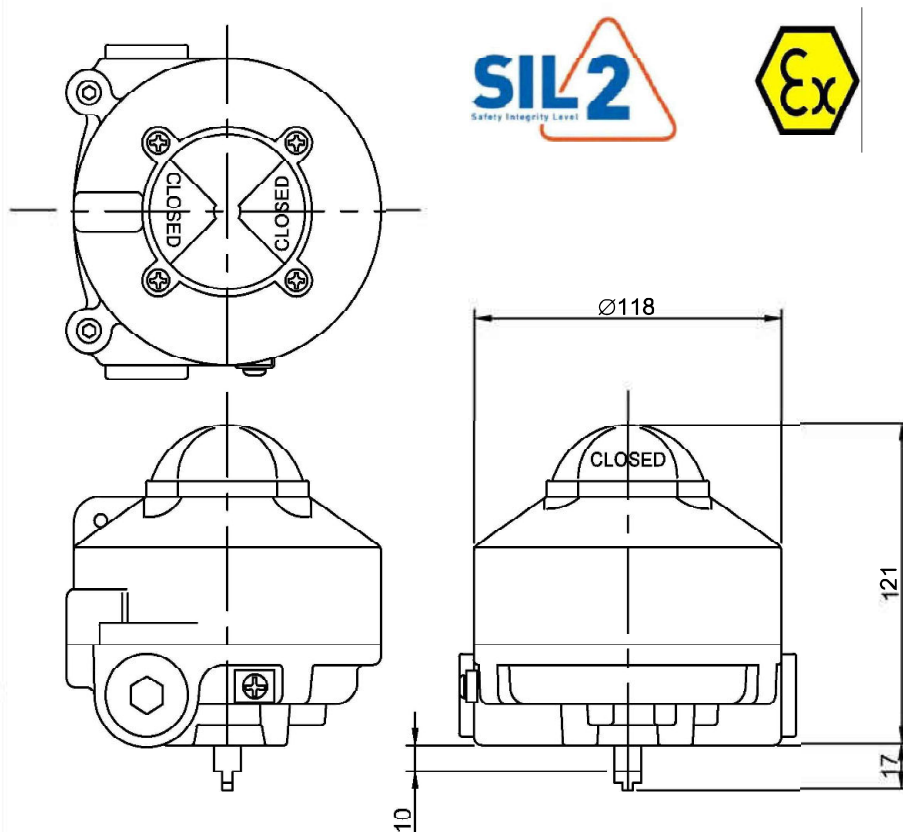
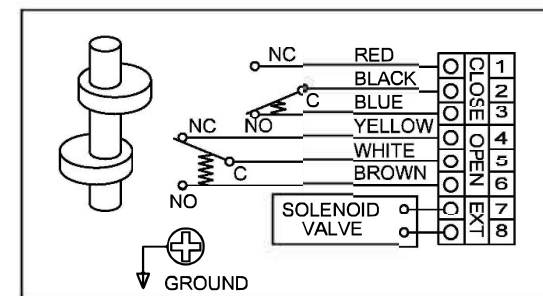
Powder coated Aluminium switchbox to ATEX Eexd IP67 fitted with 2 x SPDT Switches for indication of fully open and fully closed positions.
Solid and compact design with high visibility beacon indicator.
Captive cover bolts are safely retained during installation and maintenance.
A threaded screw down cover ensures IIC rating.
The spring loaded splined cams are easily adjustable with no tools required.
Dual cable entries are provided.
The switchbox is mounted to the actuator using a NAMUR standard stainless steel mounting bracket.
The switchbox is minimum SIL 2 rated.

Standard Specification:

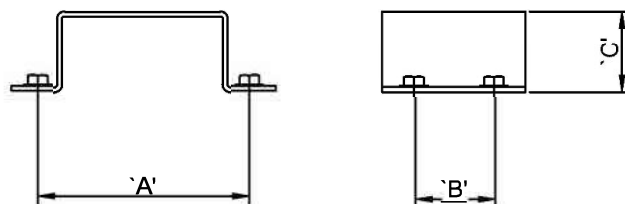
Enclosure Material	: Die Cast Aluminium
Enclosure Rating	: II2G Ex d IIC T6, Gb, II2D Ex tb IIIC T85°C Db IP67
Enclosure Finish	: Polyester Powder Coating (Black)
Shaft Material	: Stainless Steel
Cable Entries	: 2 x M20 (Options: PG13.5, 1/2"NPT, 3/4" NPT & M25)
Limit Switch Type	: 2 x SPDT, Mechanical
Voltage/Amps	: 250V AC/16A, 125V AC/16A, 250VDC/0.3A, 125VDC/0.6A
Ambient Temperature	: -40° to +60° C

Options:

Enclosure Rating	: IP68
Enclosure Finish	: Various colours
Proximity sensors	: See Data Sheets: 2.24.1 & 2.25.1
Beacon Indicator	: 3 Way Indication
Material	: Stainless Steel
Switch type	: 4 x SPDT or 2 x DPDT
Feedback	: 4-20mA Position Transmitter



Mounting Bracket



Bracket	A	B	C	Application
MBP-100	80	30	30	80 x 30 x 20
MBP-200	80	30	40	80 x 30 x 30
MBP-300	130	30	40	130 x 30 x 30
MBP-400	130	30	60	130 x 30 x 50

DATA SHEET No.

2.23.1

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ISSUE REF

D