

PRODUCT NAME

Stainless Steel Flameproof Valve Monitor

MODEL NO.

ALS600QA23

DESCRIPTION OF THE PRODUCT

The ALS600QA23 series stainless steel flameproof valve monitor is a rotary position indication device for CORROSIVE and HAZARDOUS (Ex db IIB T6 Gb) area. Armed with magnet sensors, this device can sense mechanical position (on/off) of the valve for remote PLC or PC indication. The visual indicator on the top of the device can also clearly display the valve position for local detection.

APPROVED BY



IP66

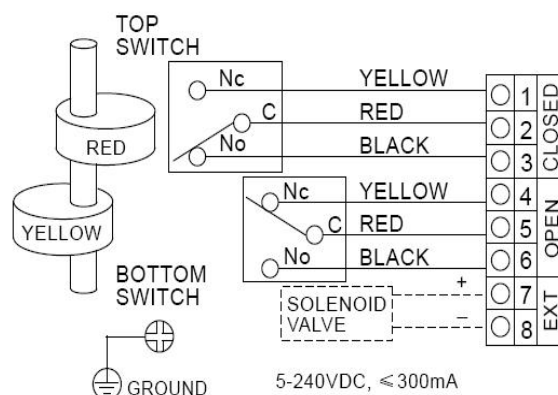
SPECIFICATIONS AND TECHNICAL DATA

Enclosure	Stainless steel 316. Resistance to corrosion of chemicals and salty fog: O-ring sealed
O-rings	Buna N
Environment	IP66
Area Classification	Ex db IIB T6 Gb
Fasteners	304 Stainless steel
Shaft	304 Stainless steel Namur
Conduit Entries	Two G3/4" Also available with two 1/2" or 3/4" NPT, G1/2", M20-1.5
Terminal Strip Contacts	8
Mounting Bracket	MB - 3.4: 30 x 80, 130 H:20, 30 (304 Stainless steel)
Ambient Temperature	-20°C - 50°C
Sensor: ALMS Magnet sensors (3 wire)	

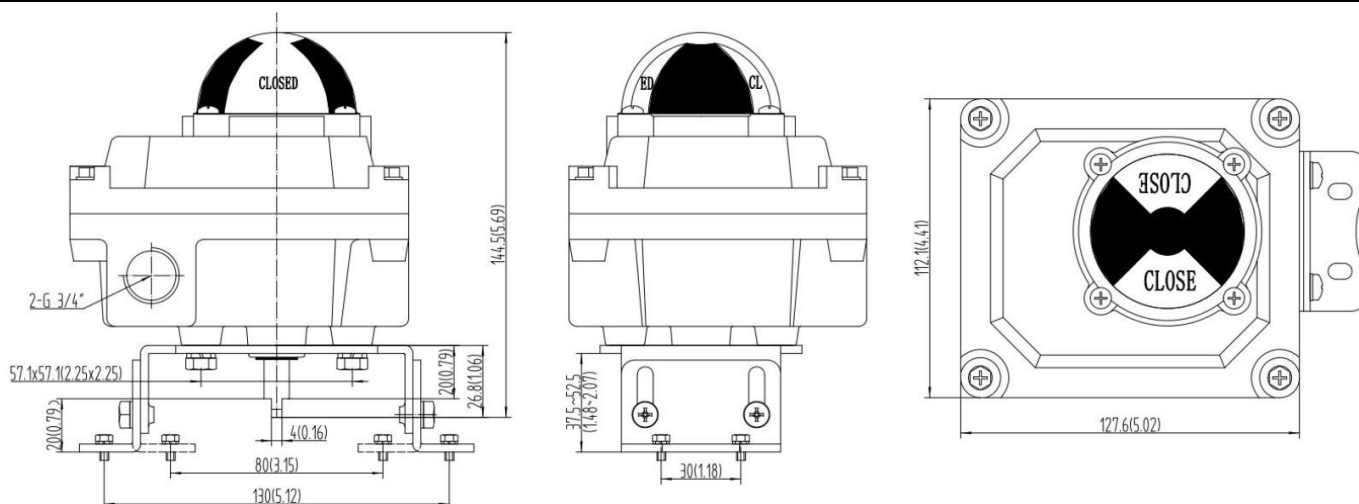
Model No.	QA23
Operating Voltage	5-240VAC/DC, ≤300 mA



WIRING DIAGRAM



DRAWING AND DIMENSION



PRODUCT NAME

Stainless Steel Flameproof Valve Monitor

MODEL NO.

ALS600QA23B12

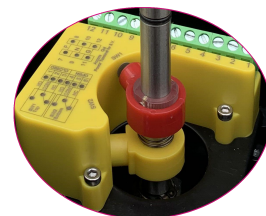
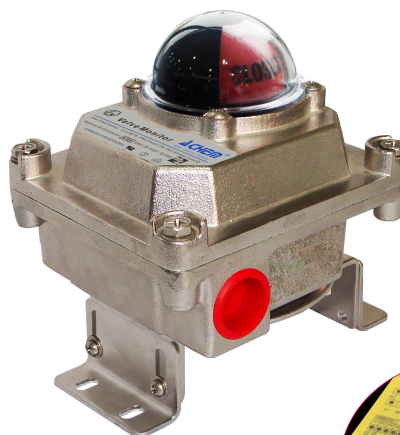
DESCRIPTION OF THE PRODUCT

ALS600QA23B12 flameproof valve monitor can be used in HAZARDOUS area (Class I, Division 1, Group B, C, D T6). Armed with reed type hermetically sealed switches (proximity sensors), the maximum permissible current is up to 1A. this valve monitor is easy setting and can senses the on/off positions of the valve and outputs SPST or SPDT signals for remote PLC or PC indication. The visual indicator (anti-UV) on the top of the monitor can also clearly display the valve position for local detection.

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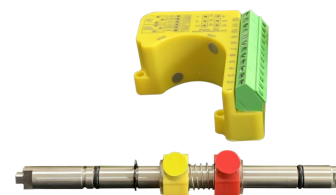
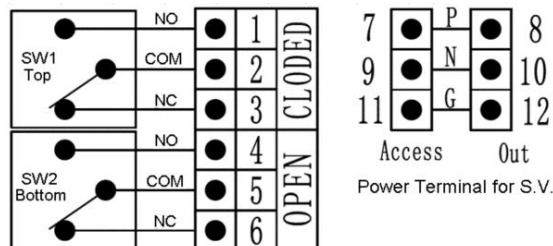
IP66



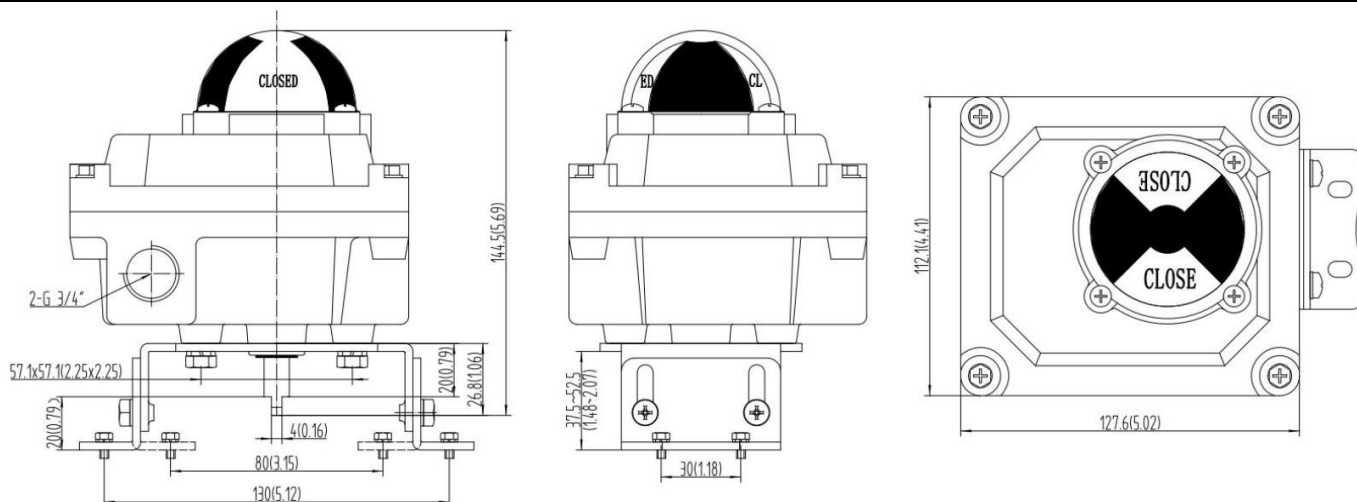
SPECIFICATIONS AND TECHNICAL DATA

Enclosure	Stainless steel 316. Resistance to corrosion of chemicals and salty fog: O-ring sealed
O-rings	Buna N
Environment	IP66, Type 4, 4X
Area Classification	Class I, Division 1, Groups B, C, D T6
Fasteners	Stainless steel
Shaft	Stainless steel Namur
Conduit Entries	2*3/4" -14 NPT, or 2*M20x1.5 (optional).
Terminal Strip Contacts	12
Mounting Bracket	MB - 3.4: 30 x 80, 130 H:20, 30 (Stainless steel)
Operating Temperature	-40°C ~ 50°C
Sensor: 2 SPDT hermetically sealed reed switches	
Model No.	QA23B12
Operating Voltage(Rating)	Maximum 1A, 280 V dc, 240 V ac, 60 VA.
Operating principle	Changeover - SPDT

WIRING DIAGRAM



DRAWING AND DIMENSION



PRODUCT NAME

Stainless Steel Flameproof Valve Monitor

MODEL NO.

ALS600QA22C12

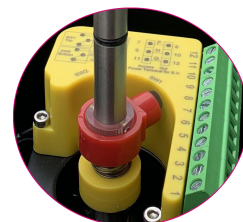
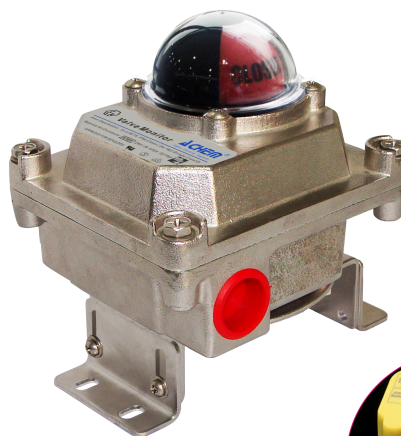
DESCRIPTION OF THE PRODUCT

ALS600QA22C12 flameproof valve monitor can be used in HAZARDOUS area (Class I, Division 1, Group B, C, D T6). Armed with reed type hermetically sealed switches (proximity sensors), the maximum permissible current is up to 3A. this valve monitor is easy setting and can senses the on/off positions of the valve and outputs SPST or SPDT signals for remote PLC or PC indication. The visual indicator (anti-UV) on the top of the monitor can also clearly display the valve position for local detection.

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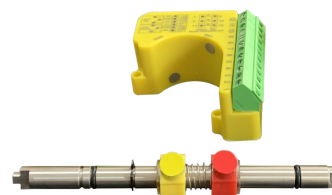
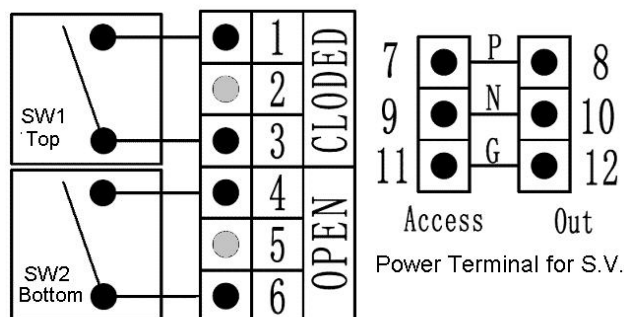
IP66



SPECIFICATIONS AND TECHNICAL DATA

Enclosure	Stainless steel 316. Resistance to corrosion of chemicals and salty fog: O-ring sealed
O-rings	Buna N
Environment	IP66, Type 4, 4X
Area Classification	Class I, Division 1, Groups B, C, D T6
Fasteners	Stainless steel
Shaft	Stainless steel Namur
Conduit Entries	2*3/4" -14 NPT, or 2*M20x1.5 (optional).
Terminal Strip Contacts	12
Mounting Bracket	MB - 3.4: 30 x 80, 130 H:20, 30 (Stainless steel)
Operating Temperature	-40°C ~ 50°C
Sensor: 2 SPST hermetically sealed reed switches	
Model No.	QA22C12
Operating Voltage(Rating)	Maximum 3A, 250 V ac/ V dc, 120VA.
Operating principle	Normal open contact- SPST

WIRING DIAGRAM



DRAWING AND DIMENSION

