Data Sheet

PRODUCT NAME

Flameproof Valve Monitor

MODEL NO.

ALS400

DESCRIPTION OF THE PRODUCT

The ALS400 series flameproof valve monitor is a rotary position indication device in HAZARDOUS area(Ex d IIC T6). Armed with mechanical switch, this device can senses valve position (on/off) 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.
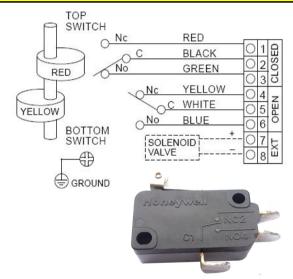
APPROVED BY

Ex | ATEX | Ex NEPSI | CE | **IP66**
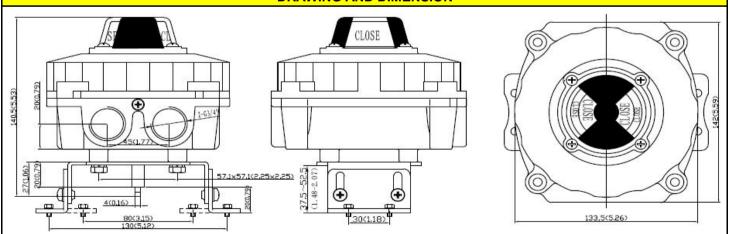
SPECIFICATIONS AND TECHNICAL DATA

Enclosure	Die-casting aluminum: O-ring sealed
Coating	Dichromate conversion with polyester powder coating
O-rings	Buna N
Environment	NEMA 4, 4X, IP66
Area Classification	ATEX, NEPSI: Ex d IIC T6, CSA Canada: Ex d IIC T6 Gb, CSA US: Class I Zone 1 AEx dIIC T6 Gb
Fasteners	Stainless steel
Shaft	Stainless steel Namur
Conduit Entries	Two ½" BSPP
	Also available with two ½"or 3/4"NPT, 3/4"BSPP M20-1.5
Terminal Strip Contacts	8
Mounting Bracket	MB–3.4: 30 x 80, 130 H:20, 30 (Carbon steel)
Ambient Temperature	-20℃-50℃

Sensor: 2 SPDT Honeywell Mechanical Switches

Model No.	M2
Ambient Temperature	-20℃-50℃
Operating Voltage	Max: 16A，125-250 VAC

WIRING DIAGRAM

DRAWING AND DIMENSION