

SB 202 WEATHER PROOF, POSITION MONITORING SWITCH BOX AS PER IS/IEC 60529-2001 (IP-67).



SB-202 series position monitoring switch box is primarily a rotary position indication device designed to integrate with valve and NAMUR rotary pneumatic actuator. Variety of mounting options, internal switches or sensors and configurations are available.

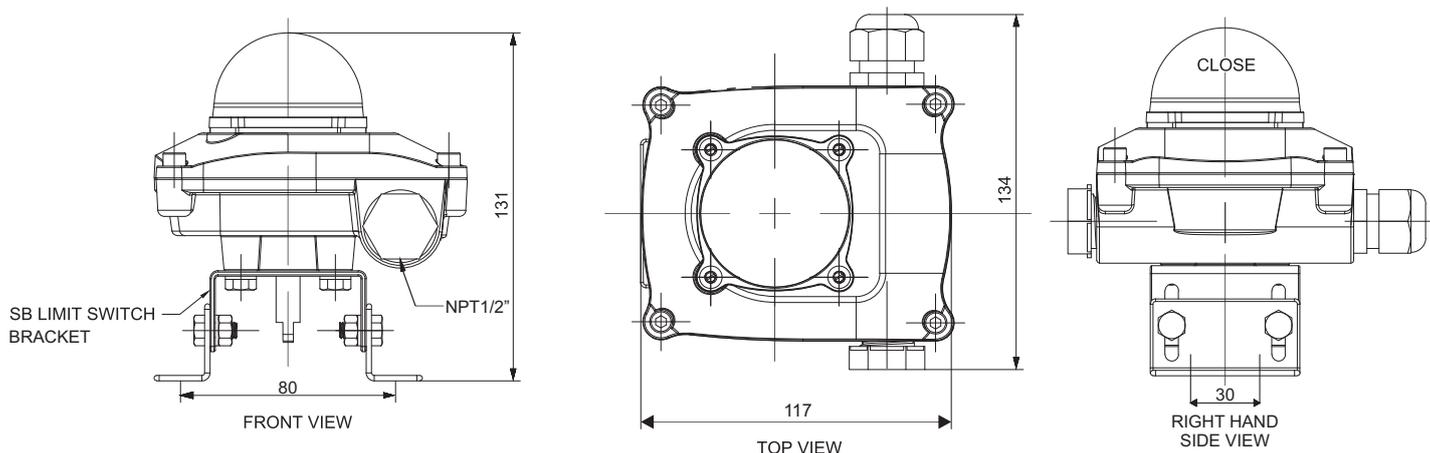
SB 202 Series Weather Proof, (No FLP Available).

Series is specially designed suitable for small size installation to reduce installation space, Provides high performance by equipping a variety of switches and sensors.

SPECIFICATION	Standard	Option
Enclosure	Weather proof IP67, O-ring sealed Tested as per IS/IEC-60529-2001 (IP-67).	
Outside coating	Epoxy-Polyester inside and outside protection against corrosion	Special color Coating
Ambient temperature	-20°C~+80°C	
Cable entries	½" NPT(F) Threads 2 Nos.	½"NPT (F) .
Terminal block	8 nos of terminal strips (6 for switches, 2 for solenoid valve power)	
Position indicator	Dome type 0°~90°	Others (3 Way L-Port, T-Port) on special order.
Mounting bracket	Steel powder coated, Compatible to VDI/VDE 3845, NAMUR.	
Switches (Sensors)	2-SPDT mechanical switch are standard, also available with Proximity sensors (P & F). or any other.	SB-202-L2 2 Nos SPDT. SB-202-P2 2 Nos Proximity sensors (standard).

DIMENSION

SB-202 Series WP-67

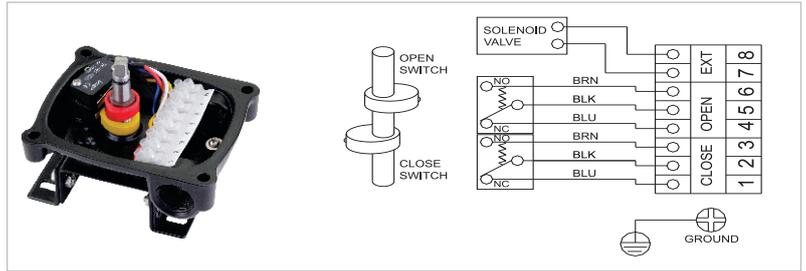


Position Monitoring Switch Box

SB-202-L2

Mechanical SPDT Switches (2 Nos)

Rating : 10A 125 or 250V AC
 2A 48V AC, 24V AC
 0.5A 24 to 125 V DC
 0.25A 125 to 250 V DC

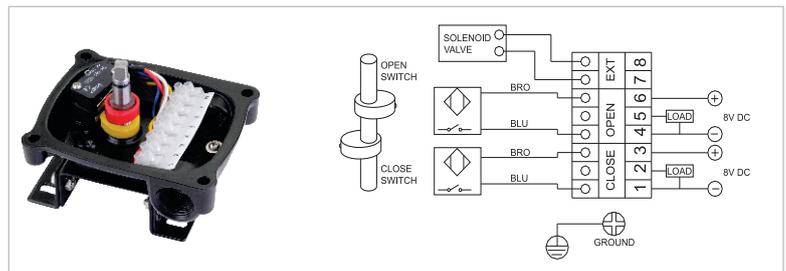


Proximity Sensors SB-202-P2

Proximity or inductive Sensor (2 Nos)

NPN, PNP (AVCON MODEL)

Voltage rating : 10~30V DC
 Sensing distance : Up to 3 mm
 Ambient temperature : -25°C ~+70°C



PRICE LIST OF TYPE OF SWITCH BOXES (SB-202 SERIES)

Item No	Model No. Voltage	Type of Switches	Approval	Protection	Cert.No.	Testing Standard
	SB202L2 230V/110V AC & 24V DC	2-Nos.Limit Switches (Cherry/Honeywell)	Karadikar Associates	IP-67	(KLPL/BTG/12/11-04 & 25-3-13)	IS/IEC-60529-2001
	SB202P2 24V DC (No Barrier Required.)	2-Nos.Proximity Switches or Inductive Switches (AVCON)	Karadikar Associates	IP-67	(KLPL/BTG/12/11-04 & 25-3-13)	IS/IEC-60529-2001
	SP202P4 0 to 8 V DC (Barrier Required)	2-Nos.P&F-NJ2V3N (2-Wire Namur 2 MM Stroke Proximity or Inductive switches). (Intrinsic safe - ISIB)	Karadikar Associates	IP-67	(KLPL/BTG/12/11-04 & 25-3-13)	IS/IEC-60529-2001
	SP202P6 10 to 30 V DC (No Barrier Required.)	2-Nos.P&F-NBB2V3E2 (3-Wire Non-Namur 2 MM Stroke Proximity or Inductive switches).	Karadikar Associates	IP-67	(KLPL/BTG/12/11-04 & 25-3-13)	IS/IEC-60529-2001
	SB202P8 5 to 60 V DC (No Barrier Required.)	2-Nos.P&F-NBB2V3Z4 (2-Wire Non-Namur 3 MM Stroke Proximity or Inductive switches).	Karadikar Associates	IP-67	(KLPL/BTG/12/11-04 & 25-3-13)	IS/IEC-60529-2001

(USE WITH BARRIER TYPE KFD2-SL-2EX1LK 1270 of P&F Make - NOT IN AVCON SCOPE OF SUPPLY)

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