

LIMIT SWITCH BOX SERIES (WPB)



IPC make Series - WPB limit switch boxes are designed for the use in various types of industries mounted on quarter turn pneumatic Actuators to give end of stroke (eg. open/close) feedback. It is also used on linear actuators using proper linkage arrangement.

These devices can be provided ready to mount Namur mounting kit.

FEATURES

- Glass filled nylon body to avoid corrosion
- Easily adjustable and tool free serrated cams allow a very quick and fine switch adjustment
- WPB series limit switch boxes have a standard large two color position indicator which is easily visible both from side and top of the valve
- Complies to NAMUR Mounting standard – VDI / VDE 3845
- Various options of Cable entries are available like 1/2" NPT, M20x1.5P, etc.
- WPB can be provided on request with an extra terminal strip for external solenoid valve connection
- Various switch options are available like micro-switches, inductive proximity sensors, etc.
- Available with mounting accessories which are compatible with various actuator makes
- Optional stainless steel bracket can be provided. Temperature range -20 °C to +80 °C
- Ingress Protection levels as per IP 67 and IP 68 are available

SPECIFICATIONS

Materials

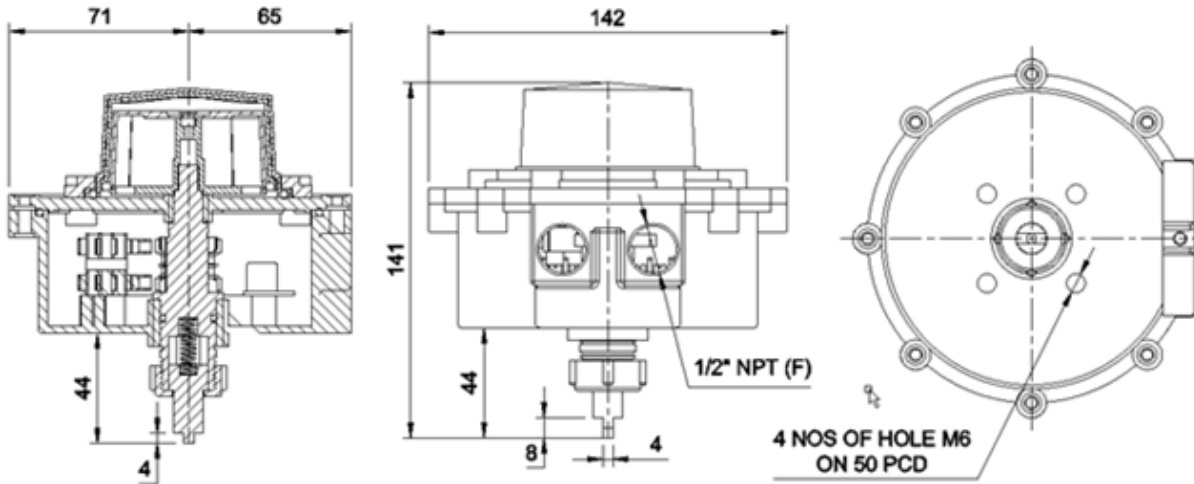
● Body	Glass filled Nylon
● Cover	Glass filled Nylon
● Shaft	Stainless steel SS304 (other materials on request)

Electrical Rating

Electrical	
● Standard	15A- 250 VAC; 0.5A -250 VDC
● Options	Available according to type of switches

LIMIT SWITCH BOX SERIES (WPB)

IPC make Series-WPB limit switch boxes are designed for the use in various types of industries together with various type of quarter turn pneumatic Actuators to give end of stroke (eg. open/close) feedback. It is also used with linear actuator with using proper linkage arrangement. These devices are providing a ready to mount solution with using the integrated Namur mounting kit.



Ordering Options

WPB 01 01 2 4N 0

DIGIT	Enclosure Material
0	GLASS FILLED NYLON

DIGIT	Enclosure Material
4N	1/2" NPT (2 nos.)-----Standard
6N	3/4" NPT (2 nos.)-----Optional (BY-ADAPTER)
2M	M20 x 1.5P (2 nos.)--Optional (BY-ADAPTER)
3E	3/4"ET (2 nos.)-----Optional (BY-ADAPTER)
XX	Any other possible combination (BY-ADAPTER)

DIGIT	Switch quantity
1	FOR 1 NO OF SWITCH
2	FOR 2 NO OF SWITCH

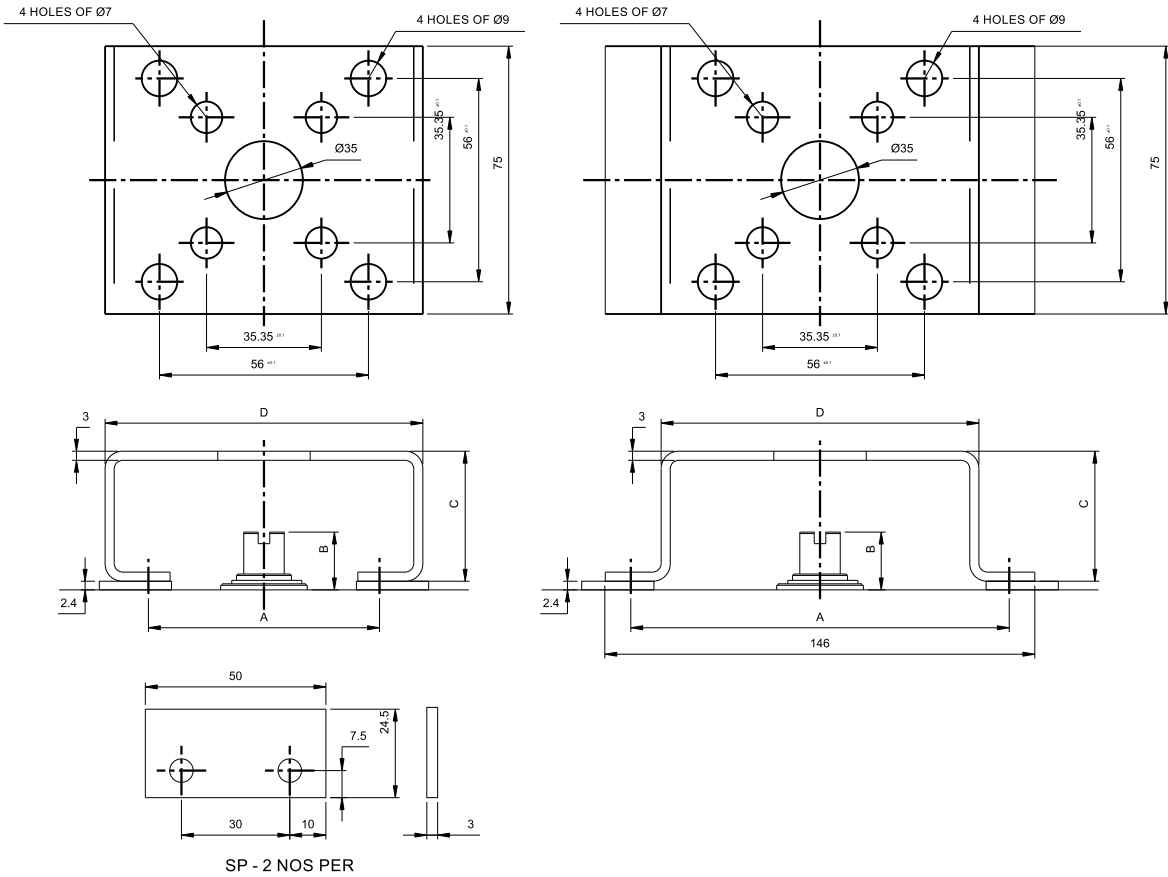
DIGIT	Switch Type		Max. Qty. installed
01	SPDT electromech	15A- 250 VAC ;0.5A -250 VDC	2
02	SPDT electromech (gold plated)	1A- 125 VAC	2
03	SPDT Hermetically sealed gold plated	4A-115VAC-400Hz,4A-28 VDC	2
04	Proximity NJ2-V3N	Namur Eex ia IIC	2
05	Proximity SJ3.5-N	Namur Eex ia IIC	2

DIGIT	Certification
01	IP 67 CERTIFIED WEATHER PROOF BOX
02	IP 68 CERTIFIED WEATHER PROOF BOX

● These are the standard available options, for any special requirement consult factory.

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Mounting Kit



Mounting kit ordering options

MK01

KIT NO.	A	B	C	D
MK01	80	20	46	111
MK02	80	30	56	111
MK03	130	30	56	105
MK04	130	50	75	160
MK05	130	47	72	160

Y

DIGIT	Hardware Requirement
Y	With Hardware
N	Without Hardware

SP

DIGIT	Support Plate Requirement
00	Without Support Plate
SP	With Support Plate

About IPC Valves and Valve Automation

IPC offers comprehensive range of valve and valve automation solutions that meet all your needs in a reliable and cost effective manner. A long and proven track record in catering to various industrial sectors such as Chemical, Pharma, Oil & Gas, Power and Fertilizers through its solutions is the key strength of IPC.



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