

APL SERIES LIMIT SWITCH BOX

APL 2N Series

- Switch is installed separately so that the maintenance is convenient
- Strong and firm design
Die-casting aluminum body
- Cam mechanism
Spring fix the cam
Set without tools
No more adjustment is needed after initial setting
- Convenient installation
NAMUR standard stainless steel shaft and bracket
Bracket hole is reasonable in design and convenient in installation



Technical Parameter	Standard	Options	Material
Protection	Waterproof IP 67 / NEMA4 & 4X	IP68	Die-casting aluminum
Environment	-20°C ~ 80°C		Body
Connector	2 * NPT 1/2	PF 1/2", P 1/2"	Instructions cover
		M20, PG13.5	Indicator
Terminal	8 Points (0.08 ~ 2.5mm ²)		Cam
Position indicator	Close : Red Open : Yellow	Close : Red Open : Yellow	Spring
Switch	Mechanical switch x2 Proximity sensor x2		Screw
External Coating	Polyester coating (black)	Red, green, blue, yellow Silver moonlight, nylon coating	O-ring
Shaft	Standard shaft (17mm)	Extend shaft	Washer
			E-ring
			Ground wire
			Bracket

Position Indicator

It can be adjusted to different directions upon requirement. What's more, there is o-ring between indicator and top cover, which guarantees good protection performance



Cable Conduit

Threaded connection is long and wall is thick so as to secure tight connection.



Shaft Position

- 90° Closed or open for rotary application
- 0° Closed or open for rotary application
- 45° Closed or open for rotary application

Captive Cover Bolts

The bolt will not be loosed during maintenance or installation.

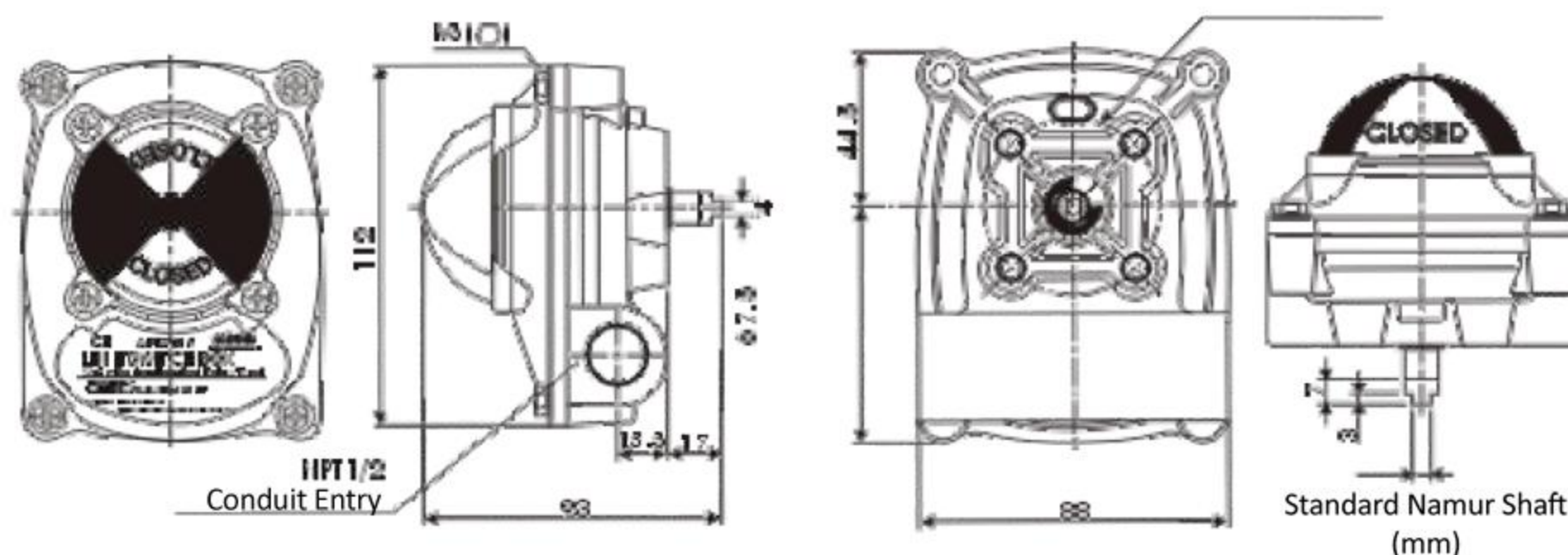


APL 310



Standard switch : NJ2-V3-N (P&F)
(Proximity switch)
Voltage : 8V DC (IP67 to IEC 60529)
Distance : 2mm
Option : EMC to EN 60947 - 5 - 2
NBB2-V3-E2/E3 (PNP): 10-30V DC (Distance) : 2mm
NBB2-V3-E0 (NPN) : 10-30V DC (Distance) : 2mm
NBB3-V3-Z4/Z5 : 5-60V DC (Distance) : 3mm

Dimension



Bracket NAMUR Standard



Model No.	Material	Application Material
MBP-050	Stainless Steel	25x50 h20
MBP-100	Stainless Steel	30x80 h20
MBP-200	Stainless Steel	30x50 h30
MBP-300	Stainless Steel	30x130 h30
MBP-400	Stainless Steel	30x130 h50