

Valve Position Monitor APL-2, 3, 4, 5N Series

 <p>(IP67,IP68)</p>	<p>MODEL : APL - 2N</p> <ul style="list-style-type: none"> - Enclosure : Weatherproof IP67/NEMA4&4X (Standard) IP68(Option) - Solid and compact design - Bolts on visual position indicator (Re-adjustment available upon required direction) - Dual cable entries : 2 x 1/2 NPT(Standard) M20, PG13.5, PF1/2", PT1/2".(Option) - Terminal Strips : 8 points(0.08-2. 5mm²) - Captive cover bolts - Easy mounting bracket - NAMUR standard stainless steel shaft and bracket.
 <p>(IP67,IP68)</p>	<p>MODEL : APL - 3N</p> <ul style="list-style-type: none"> - Enclosure : Weatherproof IP67/NEMA4&4X (Standard) IP68(Option) - Solid and Flexible design & various options available <ul style="list-style-type: none"> • 3~4 additional switches • 8~16 points Terminal Strips - Bolts on visual position indicator - Dual cable entries : 2 x 1/2 NPT(Standard) M20, PG13.5, PF1/2", PT1/2".(Option) - Terminal Strips : 8 points(0.08-2. 5mm²) - Captive cover bolts - Easy mounting bracket - NAMUR standard stainless steel shaft and stainless steel or steel bracket.
 <p>(E EX d IIB T 6)</p>	<p>MODEL : APL - 4N</p> <ul style="list-style-type: none"> - Enclosure : Weatherproof IP67/NEMA4,4X,7,9 (Standard) IP68(Option) Explosionproof : E EX d IIB T6 - Solid and Durable design & various options available <ul style="list-style-type: none"> • 3~4 additional switches • 8~20 points Terminal Strips • various options switches - Bolts on visual position indicator - Cable entries : 2 x 3/4 NPT(Standard) M20, M25, PF3/4", PT3/4" 4Cable entries(Option) - Terminal Strips : 8 points(0.08-2. 5mm²) - Captive cover bolts - Easy mounting bracket - NAMUR standard stainless steel shaft and stainless steel or steel bracket.
 <p>(E EX d IIC T 6)</p>	<ul style="list-style-type: none"> - Enclosure : Weatherproof IP67/NEMA4,4X,7,9 (Standard) IP68(Option) Explosionproof : E EX d IIC T6, E EX ia IIC T6, E EX d IIB T6 - Solid and compact design - Shaft holder built in the cover(Dual shaft) Easy to set the visual position indicator. Unique design to put the visual indicator on the threaded joint type cover. - Bolts on visual position indicator - Dual Cable entries : 2 x 3/4 PF(Standard) M20, M25, NPT3/4", PT3/4" (Option) - Terminal Strips : 8 points(0.08-2. 5mm²) - Captive cover bolts & Spring loaded cover bolts No worry to loose bolts while cover open & Unique design to hold bolts inside cover - Easy mounting bracket - NAMUR standard stainless steel shaft and stainless steel or steel bracket.

Valve Position Monitor

FEATURES

- Solid and flexible design
Aluminium die-casting housing and powder coating.
- Bolts on visual position indicator
- Quick-set™ cam
Spring loaded splined cam.
No need to adjust again after initial setting.
Easy setting without tool
- Dual cable entries
- Captive cover bolts
No worry to loose bolts while cover open.
Spring loaded cover bolts(APL-5N)
- Easy mounting bracket
NAMUR standard stainless steel shaft and bracket.



STANDARD SPECIFICATION

Model	APL- 2N Series	APL- 3N Series	APL- 4N Series	APL- 5N Series
Enclosure	Weatherproof IP67/NEMA4&4X	Weatherproof IP67/NEMA4&4X	Weatherproof IP67/NEMA4&4X Explosionproof E EX d IIB T6	Weatherproof IP67/NEMA4&4X Explosionproof E EX d IIC T6
Cable entries	Two NPT1/2"	Two NPT1/2"	Two NPT3/4"	Two NPT3/4"
Ambient temperature	-20℃~ 80℃	-20℃~ 80℃	-20℃~ 60℃	-20℃~ 60℃
Terminal strips	8 points (0.08-2.5mm ²)	8 points (0.08-2.5mm ²)	8 points (0.08-2.5mm ²)	8 points (0.08-2.5mm ²)
Position indicator	0 ~ 90° (90° turn free joint) close:red open:yellow	0 ~ 90° (90° turn free joint) close:red open:yellow	0 ~ 90° (90° turn free joint) close:red open:yellow	0 ~ 90° (90° turn free joint) close:red open:yellow
Switches	Mechanical switch x2 proximity sensor x2	Mechanical switch x2 proximity sensor x2	Mechanical switch x2 proximity sensor x2	Mechanical switch x2 proximity sensor x2
Painting	Chromate Polyester powder coating(black)	Chromate Polyester powder coating(black)	Chromate Polyester powder coating(black)	Chromate Polyester powder coating(black)

OPTION SPECIFICATION

Model	APL- 2N Series	APL- 3N Series	APL- 4N Series	APL- 5N Series
Enclosure	Weatherproof IP68	Weatherproof IP68	Weatherproof IP68	Weatherproof IP68 Explosionproof E EX d IIB T6 E EX ia IIC T6
Cable entries	Two PF1/2", PT1/2" M20, PG13.5	Two PF1/2", PT1/2" M20, PG13.5	FOUR PF3/4", PT3/4" M20, M25	Two NPT3/4" PT3/4"
Option temperature	-	-40℃ ~ 80℃ -20℃ ~ 150℃	-	-
Terminal strips	-	16 points (0.08-2.5mm ²)	20 points (0.08-2.5mm)	-
Position indicator	three position close:red open:Green	three position close:red open:Green	three position close:red open:Green	three position close:red open:Green
Switches	-	Mechanical switch x4 proximity sensor x4	Mechanical switch x4 proximity sensor x4	Mechanical switch x4 proximity sensor x4
Potentiometer	-	1k ohm standard. 5k ohm. 0-10k ohm	1k ohm standard. 5k ohm. 0-10k ohm	1k ohm standard. 5k ohm. 0-10k ohm
Current output signal unit	-	4~20mA DC 12.5 to 37VDC (24V typical)	4~20mA DC 12.5 to 37VDC (24V typical)	4~20mA DC 12.5 to 37VDC (24V typical)
Painting	Nylon others on request red, green, blue, yellow, silver	Nylon others on request red, green, blue, yellow, silver	Nylon others on request red, green, blue, yellow, silver	Nylon others on request red, green, blue, yellow, silver

Specification is subject to change without prior notice