

UNIÃO BRASIL IMPORTAÇÃO E EXPORTAÇÃO DE EQUIPAMENTOS LTDA

Chave Fim de Curso - Mod. 210N





*As Chaves Fim de Curso da vendidas pela União Brasil são azuis, as fotos indicam que possuem essas cores também.

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FEATURES

- Solid and compact 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
- 2 x 1/2 NPT(Standard) M20,PG13.5,PF1/2",PT1/2".(Option)
- Captive cover bolts
- No worry to loose bolts while cover open.
- Easy mounting bracket
- NAMUR standard stainless steel shaft and bracket.



SPECIFICATION	STANDARD Weatherproof IP67/NEMA484X	OPTION IP 68	MATERIAL	
Enclosure			Housing cover&body	Aluminium die oasting
Ambient temperature	-20°C ~ 80°C	N-1021	Shaft	Stainless steel
Conduit entries	Two NPT1/2"	Two PF1/2°,PT1/2°	Indicator cover	Polycarbonate
		M20,PG13.5	Indicator	ABS/Polycarbonate
Terminal Strips	8 points (0.08-2,5mm)		Cam	Polycarbonate
Position indicator	$0 \sim 90^{\circ} (90^{\circ} \text{ turn free join})$ close:red open:yellow	0 ~ 90° close:red	Spring	Stainless steel
		open:green	Housing cover bolt	Stainless steel
Switches	Mechanical switch x2 proximity sensor x2		O -ring	NBR
			Bushing	Bronze
External coating	Polyester podwer coating(black)	Nylon others on request	E-ring(shaft)	Stainless steel
		red,green,blue, yellow,silver,	Earth lug	Stainless steel
Shaft	Standard shaft(83mm/16mm)	Option shaft(FREE)	Bracket	Stainless steel

Position indicator



Re-adjustment available upon required direction

90 Closed or Open for rotary application



90° Open or Closed for rotary application



45 Open or Closed for linear application

Conduit entries

Captive cover bolts cover bolts are specially designed to

installation.

Cable entry due to length and thickness





SWITCH SPECIFICATION

Mechanical switch (2SPDT) APL-210N



Standard switch : SS5GL(Omron)

2SPDT switches (option: spst-nc, spst-no) Contact arrangement: 250V AC/3A, 125V AC/5A 250VDC/0.2A , 125VDC/0.4A, 30VDC/4A.

Optional switch : SS10GL(Omron)

2SPDT switches (option: spst-nc, spst-no) Contact arrangement: 250V AC/10.1A, 125V AC/10.1A 250VDC/0.2A . 125VDC/0.4A . 30VDC/4A Approved standards: UL, CSA, SEMKO, SEV EN61058-1

Proximity sensor APL-220N



Standard sensor: NJ2-V3-N (P&F)

Inductive proximity sensor (intrinsically safe) Voltage range: 8V DC (IP67 to IEC 60529)

Operating distance: 2mm

Optional sensor EMC to EN60947-5-2

NBB2-V3-E2/E3(PNP): 10 - 30V DC Operating distance: 2mm NBB2-V3-E0 (NPN): 10 - 30V DC Operating distance: 2mm : 5 - 60V DC Operating distance: 3mm NBB3-V3-Z4/Z5

DIMENSION APL 2N SERIES ø50/F5IS0 NPT1/2 CONDUIT ENTRY STANDARD NAMUR SHAFT

BRACKET NAMUR STANDARD



Model No	Material	Application
MBP-100	Stainless steel	30x80 h20
MBP-200	Stainless steel	30x80 h30
MBP-300	Stainless steel	30x130 h30
MBP-400	Stainless steel	30x130 h50