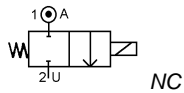


Media: air – water – gas – light oil – vacuum 10⁻⁶ torr
 Pressure range: 0 to 15 Bar max
 Media temperature: 120°C max
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: any position
 Opening / Closing time: 20 mSec Max



2/2 Brass

1/8 – 1/2

NORMALLY CLOSED 2 WAY DIRECT ACTING

0 – 15 Bar

TYPE AD612



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Coil	Flow Kv Ltr/min	Pressure Rating (Bar) ΔP			Seals	Part Number	
				Min	Max AC	Max DC			
1/8	3.0	WPG1	3.7	0	10	7	NBR +100°C Max	AD6A + seal + voltage	
	4.0		8.3	0	7	5		AD6B + seal + voltage	
	5.0		9.2	0	5	3.5		AD6C + seal + voltage	
1/4	3.0		3.7	0	10	7		AD8A + seal + voltage	
	4.0		8.3	0	7	5		AD8B + seal + voltage	
	5.0		9.2	0	5	3.5		AD8C + seal + voltage	
3/8	4.0	WPG2	3.7	0	10	7		Silicone EPDM VITON *PTFE *VST +120°C Max	AD10A + seal + voltage
	6.0		11.3	0	5	3.5			AD10B + seal + voltage
	8.0		13.9	0	2	1.4			AD10C + seal + voltage
	WPA3C	4.0	3.7	0	15	10			AD10A-C3 + seal + voltage
		6.0	11.3	0	7	5			AD10B-C3 + seal + voltage
		8.0	13.9	0	3	2			AD10C-C3 + seal + voltage
1/2	6.0	WPG2	11.3	0	5	3.5			AD12A + seal + voltage
	8.0		13.9	0	2	1.4			AD12B + seal + voltage
	6.0		WPA3C	11.3	0	7			5
	8.0	13.9		0	3	2			AD12B-C3 + seal + voltage

OPTIONS

IP68 (EN60529:1991+A1:2000) UL + CSA approved coil & IP67 LED connector DIN 43650 A (Except WPA3C coil IP54) ATEX EExmIIT4 II 2G & 2D IP65 T130°C (Pressure range same as WPG1 12W coil) * PTFE, VST, Neoprene, ECO, HNBR or Hypalon Seals (WPG1 coil) * PTFE, VST, Neoprene, ECO, HNBR or Hypalon Seals (WPG2/WPA3C coil)	Included
Silver shading ring WPG1 coil Silver shading ring WPG2/WPA3C coil Manual Override NPT Thread Other custom-made options available upon request	

ELECTRICAL DATA

Voltage (-10% + 15%) Continuous duty 100%		Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
			Inrush	Holding			
~ 24 - 110 - 230 (50 or 60 Hz)	= 12 - 24 (DC)	WPG1	11.2VA	8.2VA	H 180°C	IP 67 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
~ 24 - 110 - 230 (50 or 60 Hz)			12 Watts				
= 12 - 24 (DC)	WPG2	18.7VA	15.3VA				
~ 24 - 110 - 230 (50 or 60 Hz)		18 Watts					
= 12 - 24 (DC)	WPA3C	37.5VA	27.5VA	N 200°C	IP 54	30cm flying lead wire	
~ 24 - 110 - 230 (50 or 60 Hz)		22.6 Watts					

CONSTRUCTION

Body: Brass
 Tube and Spring: 304 Stainless/ Brass Armature: 430F Stainless Other internal parts: Stainless
 Shading ring: copper (optional Silver)
 Seals and gaskets: FKM (Optional EPDM, NBR, Silicone, PTFE, VST, Neoprene, ECO, HNBR, Hypalon, Butyl IIR)
 Moulded coil: Resin

REPAIR KIT

Coil	Coil size (WPG1 or WPG2 or WPA3C) + voltage
Armature + Seal	SP210 + Valve Part Number

OVERALL DIMENSIONS



Item	Part No	Description
1	SP201-*	Nut
2	SP202-*	Washer
3	SP203-*	Nameplate
5	WPG*	Coil
6	SP206-*	Gasket
7	SP207-*	Connector
9	SP209-*	Core Tube
10	SP210-*	Armature Assembly
17	SP211-*	Valve Body

* = Valve Part Number

Model	A	B	C	F*	G	H	Kg
AD6	41	19	85	63	15	10.5	0.47
AD8	41	19	89	63	15	10.5	0.47
AD10	50	25	90	65	15	11.7	0.73
AD12	55	27	91	65	17	13	0.78

