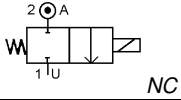


Media: air – water – gas – vacuum  
 Pressure range: 0 to 150 Bar max  
 Media temperature: +180 °C max\*  
 Ambient temperature: -20 °C to +60 °C  
 Media viscosity: 50 centistokes max  
 Mounting: any position  
 Weight: 1750g per set



# 2/2 Brass

## 1/4 MANIFOLD

### NORMALLY CLOSED

### 2 WAY DIRECT ACTING

0 – 150 Bar

## TYPE ADF8000



### PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Pressure Rating (Bar) ΔP			Coil	Seals	Part Number
			Min	Max AC	Max DC			
1/4	1.2	1.1	0	60	42	WPG1	NBR +80°C SILICONE +120°C EPDM +120°C FKM +120°C *VST +180°C (30 Bar Max)  *PTFE +180°C (150 Bar)	ADF8012 + seal + voltage
	1.6	1.5	0	40	28			ADF8016 + seal + voltage
	2.0	1.8	0	20	15			ADF8020 + seal + voltage
	1.2	1.1	0	120	84	WPG2		ADF8112 + seal + voltage
	1.6	1.6	0	60	42			ADF8116 + seal + voltage
	2.0	1.8	0	30	21			ADF8020 + seal + voltage
	3.0	4.3	0	20	14	WPA3C		ADF8130 + seal + voltage
	4.0	9.7	0	12	8.4			ADF8140 + seal + voltage
	5.0	10.7	0	10	7			ADF8150 + seal + voltage
	1.2	1.1	0	150	105			ADF8212 + seal + voltage
	1.6	1.5	0	80	56			ADF8216 + seal + voltage
	2.0	1.8	0	60	42	ADF8220 + seal + voltage		
	3.0	4.3	0	40	28	ADF8230 + seal + voltage		
	4.0	9.7	0	20	14	ADF8240 + seal + voltage		
	5.0	10.7	0	15	10.5	ADF8250 + seal + voltage		

### OPTIONS

WPG IP67 (EN60529:1991+A1:2000) UL & CSA Approved Coil & IP65 LED Connector PG11 – DIN 43650 A, WPA3C IP54  
 Brass manifold 1/4 BSP port (2 – 10 Stations)  
 ATEX EExmII T4 II 2G & 2D IP65 T130°C coil. (Pressure rating WPG1 same, WPG2 70% of DC rating, WPA3C not available)  
 NPT Thread  
 \*\* PTFE, VST, CR, ECO, HNBR or Hypalon Seals

### ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%	Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
		Inrush	Holding			
~ 24 - 48 - 110 - 220 - 380 (50 or 60 Hz)	WPG1	11.2VA	8.2VA	H 180°C	IP 65 with connector	3 spades DIN 43650 DIN 40050 VDE 0110
= 12 - 24 - 48 (DC)		12 Watts				
~ 24 - 48 - 110 - 220 - 380 (50 or 60 Hz)	WPG2	18.7VA	15.3VA			
= 12 - 24 - 48 (DC)		18 Watts				
~ 24 - 48 - 110 - 220 - 380 (50 or 60 Hz)	WPA3C	88VA	57VA	N 200°C	IP54	30cm flying lead wires
= 12 - 24 (DC)		33.6 Watts				

### CONSTRUCTION

Body : Brass  
 Tube and internal parts : Stainless steel  
 Seals and gaskets: NBR, EPDM, Viton, Silicone or PTFE  
 Moulded coil WPG : Resin, WPA3C round metal enclosure

### REPAIR KIT

Armature	SP + Valve Part Number + ARMATURE
Coil	WPG1, WPG2 or WPA3C + voltage

### OVERALL DIMENSIONS

