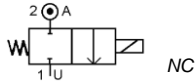


Media: air – water – gas – vacuum 10⁻⁶ torr
 Pressure range: 0 to 150 Bar max
 Media temperature: +180°C max*
 Ambient temperature: -20°C to +60°C
 Media viscosity: 50 centistokes max
 Mounting: any position
 Weight: 1750g per set



2/2 Stainless

1/8 & 1/4 MANIFOLD

NORMALLY CLOSED

2 WAY DIRECT ACTING

0 – 150 Bar

TYPE ADFS6/8000



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Flow Kv Ltr/ min	Pressure Rating (Bar) ΔP			Coil	Seals	Part Number	
			Min	Max AC	Max DC				
1/8 6000	1.2	1.0	0	60	42	WPG1	NBR +100°C Max	ADFS6/8012 + seal + voltage	
	1.6	1.3	0	40	28			ADFS6/8016 + seal + voltage	
	2.0	1.6	0	20	15			ADFS6/8020 + seal + voltage	
	1/4 8000	1.2	1.0	0	120	84	WPG2	Silicone EPDM FKM +120°C Max	ADFS6/8112 + seal + voltage
		1.6	1.3	0	60	42			ADFS6/8116 + seal + voltage
		2.0	1.6	0	30	21			ADFS6/8120 + seal + voltage
		3.0	3.7	0	20	14			ADFS6/8130 + seal + voltage
		4.0	8.3	0	12	8.4			ADFS6/8140 + seal + voltage
		5.0	9.2	0	10	7			ADFS6/8150 + seal + voltage
	1/4 8000	1.2	1.0	0	150	105	WPA3C	*VST +180°C Max (All 30 Bar Max)	ADFS6/8212 + seal + voltage
		1.6	1.3	0	80	56			ADFS6/8216 + seal + voltage
		2.0	1.6	0	60	42			ADFS6/8220 + seal + voltage
3.0		3.7	0	40	28	ADFS6/8230 + seal + voltage			
4.0		8.3	0	20	14	ADFS6/8240 + seal + voltage			
5.0		9.2	0	15	10.5	ADFS6/8250 + seal + voltage			

OPTIONS

WPG IP67 (EN60529:1991+A1:2000) UL & CSA Approved Coil & IP65 LED Connector PG11 – DIN 43650 A, WPA3C IP54
 316 stainless steel manifold 1/8 BSP port (2 – 9 Sets)
 ATEX EExmIT4 II 2G & 2D IP65 T130°C (WPG1 Pressure same, WPG2 70% of DC rating, WPA3C not available)
 NPT Thread
 * PTFE, VST, Neoprene, 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 - 230 (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 - 230 - 380 (50 / 60 Hz)	WPG2	18.7VA	15.3VA			
= 12 - 24 - 48 (DC)		18 Watts				
~ 24 - 48 - 110 - 230 (50 or 60 Hz)	WPA3C	37.5VA	27.5VA	N 200°C	IP54	30cm flying lead wires
= 12 - 24 (DC)		22.6 Watts				

CONSTRUCTION

Body: 316 stainless steel
 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

