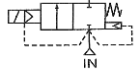


Media: air – water – light oil - vacuum 10⁻⁶ torr
 Pressure range: 0 to 10 Bar max
 Media temperature: +120°C max
 Ambient temperature: -20°C to +60°C max
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing Time: 50 mSec Max



NC

2/2 Brass Flanged

DN15 – DN50
 NORMALLY CLOSED
 2 WAY ZERO RATED
 0 – 10 Bar
 TYPE ADF15-50



PRESSURE

Ø Port PN16	Ø Orifice (mm)	Flow Kv Ltr/ min	Pressure Rating (Bar) ΔP			Seals Temp °C	Part Number
			Min	Max AC	Max DC		
DN15	15	64.4	0	10	7	NBR +100°C Max	AD15PF + seal + voltage
DN20	20	133	0	10	7		AD20PF + seal + voltage
DN25	25	188.8	0	10	7		AD25PF + seal + voltage
DN32	35	371.8	0	10	7	FKM EPDM Silicone +120°C Max	AD35PF + seal + voltage
DN40	35	400	0	10	7		AD40PF + seal + voltage
DN50	51	686.4	0	7	5		AD50PF + seal + voltage

OPTIONS

IP67 (EN60529:1991+A1:2000) UL + CSA Approved Coil & IP65 LED Connector PG11 – DIN 43650 A
 ATEX 22003EX Coil: ATEX EExmIIT4 II 2G & 2D IP65 T130°C (Max ΔP 3 Bar)
 ANSI150Lb, JIS10K or other flange
 Manual Override (Bottom entry mounted turn T bar)
 PTFE, VST, Neoprene, ECO, HNBR or Hypalon Seals
 Other custom-made options available upon request

ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%	Coil	Power Consumption		Insulation class	Enclosure	Electrical connections
		Inrush	Holding			
~ 24 - 110 - 230 (50/60 Hz)	WPG2	18.7VA	15.3VA	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
= 12 - 24 (DC)		18 Watts				

CONSTRUCTION

Body: Forged Brass
 Tube and Spring: 304 Stainless Armature: 430F Stainless other internal parts Brass
 Seals and gaskets: FKM (Optional EPDM, NBR, Silicone, PTFE, VST, Neoprene, ECO, HNBR, Hypalon, Butyl IIR)
 Moulded coil: Resin

REPAIR KIT

Coil	WPG2 + voltage
Diaphragm	SP215 + valve part number

OVERALL DIMENSIONS



No.	Part No	Description
1	SP201*	Nut
2	SP202*	Washer
3	SP203*	Nameplate
5	WPG2*	Coil
6	SP206*	Gasket
7	SP207*	Connector
8	SP208*	Core Tube
9	SP209*	Valve Bonnet
10	SP210*	Bolt
11	SP211*	Bonnet O Ring
12	SP212*	Armature Assembly
13	SP213*	Diaphragm Base Kit
14	SP214*	Diaphragm Base
15	SP215*	Diaphragm
16	SP216*	Base O Ring
17	SP217*	Valve Body

* = Valve Part Number

Model	A	B	C	D	PCD	Kg
AD15PF	110	95	140	40	65	
AD20PF	120	105	150	40	75	
AD25PF	132	115	162	40	85	5.35
AD35PF	160	140	174	40	100	7.75
AD40PF	160	150	177	40	110	8.00
AD50PF	200	165	195	40	125	11.0

