

Media: air – water – gas – light oil - vacuum 10⁻⁶ torr
 Pressure range: 0 to 42 Bar max
 Media temperature: 120°C max
 Ambient temperature: -10°C to +50°C max
 Media viscosity: 50 centistokes max
 Mounting: coil upright
 Opening / Closing time: 20 mSec Max



2/2 Brass

1/4"

LATCHING

2 WAY DIRECT ACTING

0 – 42 Bar

TYPE LAD8000



PRESSURE

Ø Port BSP	Ø Orifice (mm)	Coil	Flow Kv Ltr/min	Pressure Rating (Bar)		Seals	Part Number
				Min	Max		
1/4	1.2	WPG1	1.0	0	21	NBR +80°C Max	LAD8012 + seal + voltage
	1.6		1.3	0	14		LAD8016 + seal + voltage
	2.0		1.6	0	7		LAD8020 + seal + voltage
	1.2	WPG2	1.0	0	42	Silicone EPDM FKM PTFE FFKM +120°C Max	LAD8112 + seal + voltage
	1.6		1.3	0	21		LAD8116 + seal + voltage
	2.0		1.6	0	10		LAD8120 + seal + voltage
	3.0		3.7	0	7		LAD8130 + seal + voltage
	4.0		8.3	0	4.2		LAD8140 + seal + voltage
	5.0		9.2	0	3.5		LAD8150 + seal + voltage

OPTIONS

IP67 UL + CSA Approved Coil & IP65 LED Connector PG11 – DIN 43650 A
 * PTFE, FFKM, CR, ECO, HNBR or Hypalon Seals
 Manual Override
 NPT thread
 Other custom-made options available upon request

ELECTRICAL DATA

Voltage (-10% + 10%) Continuous duty 100%	Coil	Power Consumption	Insulation class	Enclosure	Electrical connections
= 12 - 24 (DC)	WPG1	12 Watts	H 180°C	IP 65 with connector	3 spades DIN 43650A DIN 40050 VDE 0110
	WPG2	18 Watts			

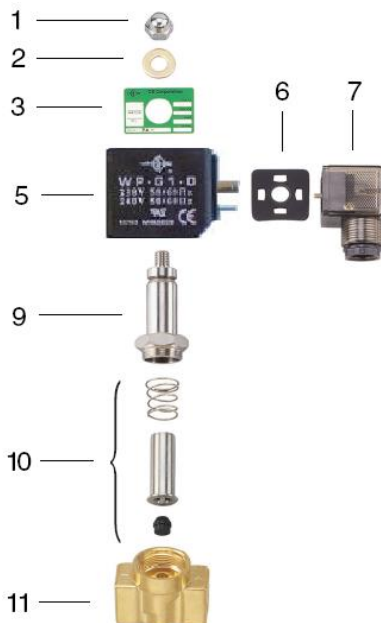
CONSTRUCTION

Body: Brass
 Tube and Spring: 304 Stainless, Armature: 430F Stainless, Other internal parts: Stainless No Shading Ring
 Seals and gaskets: FKM (Optional EPDM, NBR, Silicone, PTFE, FFKM, CR, ECO, HNBR and Hypalon)
 Moulded coil: Resin

REPAIR KIT

Coil	Coil size WPG1 or WPG2 + voltage
Armature + Seal	SP210 + valve part number

OVERALL DIMENSIONS



Model	A	B	C	F*	G	H	Kg
8012-8020	41	19	85	63	15	10.5	0.47
8112-8150	41	19	88	65	15	10.5	0.66

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

