

## VF-J4C - Electrically Actuated Wafer Butterfly Valve

- J4C range wafer butterfly valves are available in sizes from 2" to 8".
- The VF electric actuator has a weatherproof IP67 enclosure, electronic torque limiter, a useful RGB display system and conversion kits to enable modulating function or change the standard on/off function.
- VF electric actuators are available for voltages from 12V through to 240V.

Actuator	VF-1S			VF-15S		VF-2S	VF-2+S
DN	2" 50MM	2 1/2" 65MM	3" 80MM	4" 100MM	5" 125MM	6" 150MM	8" 200MM
Α	435	449	464	501	538	614	684
E	196	196	196	196	196	254	254
L	177	177	177	177	177	215	215
D	110	110	100	110	110	214	214
Weight (Kg)	6,300	6,700	5,650	8,500	11,200	12,250	21,000
Operating Time	13	13	13	29	29	34	58

Actuator Specification						
Enclosure	Weathe	erproof I	IP67			
Power	24V to	240V A	.C / 24V to	110V DC		
Limit Switches	4X SPDT microswitches (2 motor stop and 2 confirmations)					
Anti-Condensation Heater	3.5W					
Connector	Large =	= EN175	5301-803 F	Form A / S	Small = DII	N 43650/C
Operating Temperature	-20°C	to +70°	С			
Manual Override	Decluto	ching Ha	andwheel			
Cover, Body, Cams Material	Polyam	nide A6				
Options:	Battery	Failsafe	9			
	Digital	Position	ning Syster	m (4-20m/	A, 0-10V)	
	180° a	nd 270°	operation			
	12V A0	C/DC po	wer suppl	у		

L	D
	ш

valve Specifi	CallUI
Body	Epox
Seat and Seal	NBR
Disc	1.44
Stem and Pivot	AISI
Plug, Washer, Stop Ring and Plate	Zinc
Bush	PTFE
Pressure Rating	16 B
Temperature	-20°
Flange	EN-Go install
	Body Seat and Seal Disc Stem and Pivot Plug, Washer, Stop Ring and Plate Bush Pressure Rating Temperature

Epoxy Coated Cast Iron
NBR / EPDM
1.4408 Stainless Steel
AISI 416 Stainless Steel
Zinc Plated Carbon Steel
PTFE and Graphite
16 Bar
-20°C to +110°C
EN-GJL-200 (GG-20) allows for installation between ANSI 150,
EN 1092 10/16

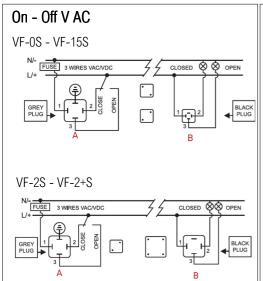
LED Status Indication				
No power	LED off			
Actuator Fully Open	Red Led Solid			
Actuator Fully Closed	Green Led Solid			
Moving Open > Closed	Red and Orange Flash			
Moving Closed > Open	Green and Orange Flash			
Torque lim. Engaged Open > Closed	Red Blinking			
Torque lim. Engaged Closed > Open	Green Blinking			
Manual Mode Engaged	Orange Blinking			
Battery Failsafe Activated Normally Open	Red Intermittent			
Battery Failsafe Activated Normally Closed	Green Intermittent			
Battery Failsafe Needs Charging	Orange Intermittent			
Digital Positioning System Stationary	Blue Solid			
Digital Positioning System Opening	Blue and Green Flash			
Digital Positioning System Closing	Blue and Red Flash			

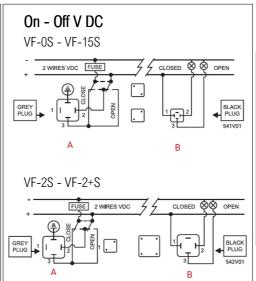




## $VF extsf{-}J4C$ - Electrically Actuated Butterfly Valve

## Standard Electrical Connections





A = Power supply plug (Grey plug

Neutral PIN 1 + Phase PIN 2 = Close Actuator

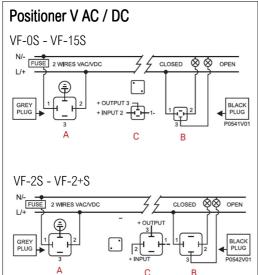
Neutral PIN 1 + Phase PIN 3 = Open Actuator

Earth/ground connection - Flat PIN

B = Volt free contact plug (Black Plug)

Common PIN 1 + PIN 2 = Close confirmation of position

Common PIN 1 + PIN 3 = Close confirmation of position



A = Power supply plug (Grey plug
Neutral/Negative PIN 1 + Phase/positive PIN 2 - Power Supply
Earth/ground connection - Flat PIN

B = Volt free contact plug (Black Plug)
Common PIN 1 + PIN 2 = Close confirmation of position
Common PIN 1 + PIN 3 = Close confirmation of position

C = Input/output signal (Black plug)
Negative PIN 1 + positive PIN 2 = Input signal
Negative PIN 1 + positive PIN 3 = Output signal
C = Instrumentation signal MAX 10V

Digital Positioner System: Earth should not be connected to avoid self adjustment of the actuator position