

J3

Model J3-4114



Doc: J3/4114/01

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On-off 2 way stainless PN16 ball valve with failsafe electric actuator

Full bore 2 way 316 stainless steel ball valve, flanged PN16, designed for automation with integrally cast ISO5211 actuator mounting platform fitted via stainless steel mounting kit with J3 on/ off failsafe electric actuator. Supplied assembled and dry bench function tested. Size range from 1/2" to 6".

Type J3-4114 Failsafe BSR - Battery Spring Return

Options:

Type J3-4113 Standard power to open - power to close

Type J3-4115 Modulating DPS - Digital Positioning System



Applications:

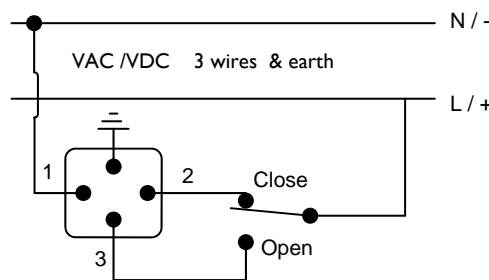
Water, oil and many corrosive medias, subject to compatibility with wetted parts in contact with media. Actuators sized on a maximum differential pressure of 10 bar wet service, if the intended duty is above this differential, or dry (air or gas) call to check actuator sizing as a larger output actuator may be required.

Maximum working temperature of assembly is +130C. If the intended duty is a higher temperature than this, contact us for options.

Valve Specifications:

Body	CF8M Cast 316SS
Ball	CF8M Cast 316SS
Seats	RTFE
Pressure rating	PN16
Valve temp limits	-20 to +200°C
Actuator temp limits	-20 to + 70°C

Wiring Diagram (AC or DC): 3 wire



Status light basic functions:

Constantly lit LED

The LED flashes with 2 blinks

The LED flashes on/ off

If the actuator is operating correctly with no faults, the LED shows a constantly lit light.

If the actuator has been left in 'manual' mode, the actuator's motor runs but doesn't drive the output shaft. After a pre-set time, the actuator knows that as the torque limiter has not activated and that the motor is running, it must be in manual.

When the actuator senses an impending valve jam, the electronic torque limiter is activated and on activation, repeatedly flashes the LED on and off.



Quick guide to the J3 electric actuator standard features :

Highly visible LED light gives continuous actuator status indication.

J3 L - 12-24V AC/DC

J3 H - 80-240V AC/DC

Multi-voltage capable with auto-voltage sensing:

Torque output: range:
25~95Nm Break
20~80Nm Reset

Electronic torque limiter
Protects against valve jams

Anti-condensation heater

Manual override

All connections via external DIN plugs ~ no need to remove cover to connect

Volt free end of travel confirmation switches

IP65 weatherproof housing

CE marked

Traceable sequential serial numbering system

Optional modulating kit with digital positioning system, either 0-10V or 4-20mA