

RPF Series Solenoid Valve

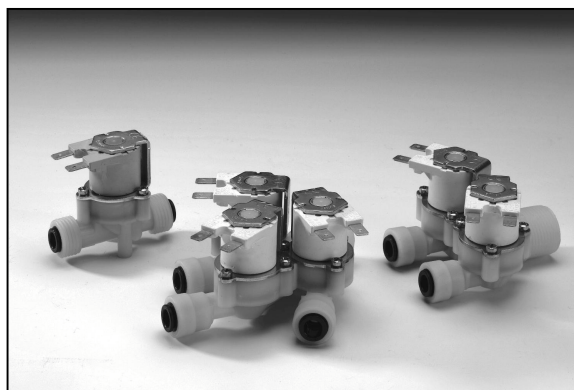
complete with John Guest push-fit fitting

Push-fit inlet and outlet

Part Numbers	Description
1145BC	8 mm - single valve
1145BC LP 12VDC	8 mm -single valve low power consumption

3/4" BSP Male inlet, push-fit outlet

Part Numbers	Description
159 001	8 mm - 180° Single solenoid valve
259F001	8 mm - 180° Double solenoid valve
260F001	10 mm - 180° Double solenoid valve
359F001	8 mm – 180° Triple solenoid valve
360F001	10 mm – 180° Triple solenoid valve



Description

Developed to meet the increasing demand for push-fit tube connection now favoured by many OEM's. These valves are available in two styles:

- The 1145BC valves features John Guest 8 mm push-fit fittings fitted to the inlet and outlet.
- The 3/4" inlet valves are fitted with either 8 mm or 10 mm John Guest insert fitted to the outlets. Manufactured by RPE srl these valves are suitable for most water inlet valve applications. Valves are supplied as standard fitted with a 10 l/min inlet flow control and a metal mounting bracket.

Characteristics:

Material:

Valve body:	Glass filled nylon (Fibreglass Polyamide)
Valve body colour:	Natural white
Seal:	Buna
Armature:	Stainless steel

Operating characteristics

Operating pressure range:	0.2 - 10 bar
Maximum ambient temperature:	40°C
Maximum media temperature:	75°C (ED max. = 100%) 90°C (ED max. = 50% 3 minutes on 3 minutes off) With 240v AC supply use 220/240v coil for 100 ED% duty cycle.
Mounting Position:	Any (preferred position upright with coil at top)
Orifice size:	11mm

Beta Valve

Electrical characteristics

Connector: Faston tags
Protection: IPX0
Windings: Class F
Insulation class: Class II

Coil Marking 12V AC/DC
Nominal voltage: **12V ac** **12V dc**
Voltage tolerance: -15%, +10% (Tf<70°C)
Nominal frequency: 50 - 60 Hz
Nominal current: 360 mA 700mA
Nominal power: 4.3VA 8.4W

Low power 12VDC

Nominal voltage: **12V dc** (ED= 100%)
24V dc (ED=25%)
Voltage tolerance: -10%, +10%
Maintaining voltage: 6V
Nominal current: 244 mA
Nominal power: 3.75W
Maximum ambient temperature: 60°C
Maximum media temperature: 25°C

Coil Marking 24V ac
Nominal voltage: **24V ac**
Voltage tolerance: -15%, +10% (Tf<70°C)
Nominal frequency: 50 - 60 Hz
Nominal current: 295 mA
Nominal power: 7VA

Coil Marking 220/240V ac
Nominal voltage: **240V ac**
Voltage tolerance: -15%, +10% (Tf<70°C)
Nominal frequency: 50 - 60 Hz
Nominal power: 6.6VA

Coil Marking 12V dc
Nominal voltage: **12V dc**
Voltage tolerance: -15%, +10% (Tf<70°C)
Nominal current: 450 mA
Nominal power: 5.4W

Coil Marking 24V dc
Nominal voltage: **24V dc**
Voltage tolerance: -15%, +10% (Tf<70°C)
Nominal current: 355 mA
Nominal power: 8.5W

Coil Marking 110V ac
Nominal voltage: **110V ac**
Voltage tolerance: -15%, +10% (Tf<70°C)
Nominal frequency: 50 - 60 Hz
Nominal current: 65 mA
Nominal power: 7.1VA

Coil Marking 230V ac
Nominal voltage: **230V ac**
Duty cycle: 90% ED
Voltage tolerance: -15%, +10% (Tf<70°C)
Nominal frequency: 50 - 60 Hz
Nominal power: 8.4VA

Direction of Flow

The coil bracket has an arrow shape on top, which corresponds to the direction of flow. Additionally the valve has arrows showing direction of flow moulded onto the side of the valve body.

Approvals

Complies EN 55014 Ed. 1993, EN 60730-2-8-1 Ed. 1995
IMQ (not 110v ac)

Beta Valve

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