

FA^B_G/FG^B_G/FVB FW^B_G/FHB/FLB

(Special purpose valve)

Special purpose direct acting 2, 3 port solenoid valve

■ For compressed air, dry air, medium vacuum, water, hot water, oil

Overview

This is a direct acting poppet type solenoid valve. Six series for compressed air, dry air, medium vacuum, water, hot water and oil applications are available to suit the control fluid. Dedicated fluid design is suited for all types of fluids. Select the optimum series based on the fluid.

Features

Dedicated fluid design

Special purpose design to fit the required fluid.

Double life (CKD comparison)

Long life even for dry air and inert gas applications.

26% reduced footprint

(CKD comparison)

56% reduced weight

(CKD comparison for compressed air)

Surge suppressor integrated coil (with surge suppressor)

Low wattage design

Flame resistant UL94V-0 conformed coil

Easy disassembly and assembly



CONTENTS

Series variation 22

▲ Safety precautions 24

For compressed air

2 port solenoid valve

● FAB (discrete valve) 26

● GFAB (manifold) 32

3 port solenoid valve

● FAG (discrete valve) 38

● GFAG (manifold) 42

For dry air

2 port solenoid valve

● FGB (discrete valve) 48

● GFGB (manifold) 52

3 port solenoid valve

● FGG (discrete valve) 58

● GFGG (manifold) 62

For medium vacuum

2 port solenoid valve

● FVB (discrete valve) 68

● GFVB (manifold) 72

For water

2 port solenoid valve

● FWB (discrete valve) 78

● GFWB (manifold) 84

3 port solenoid valve

● FWG (discrete valve) 90

● GFWG (manifold) 94

For hot water

2 port solenoid valve

● FHB (discrete valve) 100

For oil

2 port solenoid valve

● FLB (discrete valve) 104

● GFLB (manifold) 108

Electronic Catalog file list 114

▲ Always read the precautions in the Introduction and page 24 before starting use.

HN/B/G

USB/G

FAB/G

FGB/G

FVB

FWB/G

FHB

FLB

AB

AG

AP/
AD

APK/
ADK

For
dry air

Explosion
proof

HVB/
HVL

SAB/
SVB

NP/NAP/
NVP

CHB/G

MXB/G

Other G.P.
systems

PD/FAD/
PJ

CVE/
CVSE

CPE/
CPD

Medical
analysis

Custom
order

Special purpose valve
Direct acting 2, 3 port solenoid valve