AGA CERTIFIED PRODUCT



Certificate Holder:

SYSTEM CONTROL ENGINEERING PTY LTD

Type of Component:

COMBINATION CONTROL



Model No. & Description:

Refer www.aga.asn.au for more details)

GV xxx ML SERIES, RVS xx ML SERIES & VALVARIO SERIES VBY, VAG, VAD, VAV, VCD, VCG, VCDC, VCAG

Valvario Series

VBY - Electro-magnetic automatic shut-off valve (bypass valve)

VAG - Electro-magnetic automatic shut-off valve (VAS) with air/gas ratio regulator

VAD - Electro-magnetic automatic shut-off valve (VAS) with pressure reducing regulator

VAV - Electro-magnetic automatic shut-off valve (VAS) with variable air/gas ratio regulator

VCD - Combination of VAS and VAD

VCG - Combination of VAS and VAG

VCV - Combination of VAS and VAV

VCC - Combination of VAC

VCDC - Combination of VAD and VAC

VCGC -Combination of VAG and VAC

Electrical Supply: 230Vac - 120Vac - 24Vdc

Ambient Temp. Range: -20'c to 60'c IP Protection Degree: IP65 (VBY IP54)

Class: 1 (SSOV)

Working Pressure: 500MB (50 kPa)

Model Designation

VAG (1) (2) (3) (4) (5) (6) (7) (8) - (9) (10)

VAD (1) (2) (3) (4) (5) (6) (7) (8) – (11) (10)

VAV (1) (2) (3) (4) (5) (6) (7) (8)

VBY (12) (5) (7) (13) (14) (15) (16)

VCD (1) (2) (3) (4) (5) (6) (7) (8) – (11) (10)

VCG (1) (2) (3) (4) (5) (6) (7) (8) - (9) (10)

VCV (1) (2) (3) (4) (5) (6) (7) (8)

VCDC (1) (2) (3) (4) (5) (6) (7) (8) – (11) (10)

VCGC (1) (2) (3) (4) (5) (6) (7) (8) – (9) (10)

Certification Manager

General Manager

Certificate first issued:

29 October 1996

Certificate No:

5319

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(1) denotes body type:

Body type 1 Rp or NPT 3/8", 1/2" 3/4", 1"

Body type 2 Rp or NPT 1", 1 1/4"", 1 1/2", 2"

Body type 3 Rp or NPT 1 1/2", 2", 2 1/2"

(2) = 'T' denotes products for North American market

(3) denotes inlet connection

: inlet connection blind flange -0

:inlet connection 3/8" 10

:inlet connection 1/2" **15**

20 :inlet connection 3/4"

25 :inlet connection 1"

:inlet connection 1 1/4"

40 :inlet connection 1 1/2"

50 :inlet connection 2"

:inlet connection 2 1/2:

(4) denotes outlet connection, specification may be omitted if outlet is the same as inlet

:outlet connection blind flange /0

/10 :outlet connection 3/8"

15 :outlet connection 1/2"

/20 :outlet connection 3/4"

/25 :outlet connection 1"

/32 :outlet connection 1 1/4"

/40 :outlet connection 1 1/2"

/50 :outlet connection 2"

65 :outlet connection 2

(5) denotes connection type

R : Rp threaded connection (Not applicable for VBY)

:NPT threaded connection (Not applicable for VBY)

:Internal bypass (VBY only)

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(6) denotes opening type

/N :fast opening /L :slow opening

(7) denotes electrical installation requirement

W:230Vac 50/60Hz

A :230-120VAC 50/60Hz (Not applicable for VBY)

Q :120Vac 50/60Hz

K :24Vdc

(8) denotes accessories

SR: proof of closure and visual indicator (right)

SL: proof of closure and visual indicator (left)

GR: proof of closure and visual indicator (with gold plated contacts, right)
GL: proof of closure and visual indicator (with gold plated contacts, left)

(9) denotes connecting method

E :connection kit for air pressure, compression fitting
K :connection kit for air pressure, plastic hose coupling

(10) denotes valve seat type

A :working area A, standard valve seat

B :working area B, reduced valve seat

(11) denotes outlet pressure range

25 :outlet pressure (0.25 - 2.5 kPa)

50 coutlet pressure (0.5 - 5 kPa)

100 :outlet pressure (1 - 10 kPa)

(12) denotes connection size

8 :DN8

(13) denotes electrical connection type

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6L :electrical connection with plug and socket LED 5 : electrical connection with plug without socket

(14) denotes mounting position

-R :mounting position at main valve right

-L :mounting position at main valve left

(15) denotes assembly

E :assembled

B :supplied separately (single part)

(16) denotes accessories

D :flow rate adjustment

05 :diameter orifice

(): Designation is excluded when not applicable

VAC

:control valve with electronic control

:no options

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