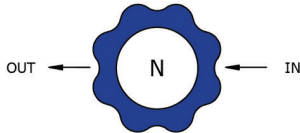


AVC690 & AVO690 Datasheet

ACTUATED VALVE FOR PNEUMATIC & HYDRAULIC CONTROL PANELS

Gas
 Liquid
 Diaphragm
 Piston
 Normally Open
 Normally Closed
 Max Inlet: 690 bar (10,000 psi)
 Max Outlet: 690 bar (10,000 psi)
 Cv 0.8

PORTING CONFIGURATIONS



ORDERING INFORMATION

To build a Pressure Tech part number, simply combine the characters identified below in sequence:

AVO690 - S - 250 - V - P - S12

FAIL SAFE CONDITION

AVC690 – Normally Closed
AVO690 – Normally Open

BODY MATERIAL**

B – HT Brass CZ114/CW721R
(max. inlet 414 bar/6,000 psi)
S – ASTM A479 316/316L Stainless Steel

CONTROL PRESSURE

250 – Up to 250 bar (3,625 psi)
414 – Up to 414 bar (6,000 psi)
690 – Up to 690 bar (10,000 psi)

O-RING MATERIAL**

F – FFKM
N – NBR
P – PTFE
R – FKM/FPM

SOLENOID VALVE OPTION*

K – No Solenoid Valve
S12 – Equipped with 12V Solenoid Valve
S24 – Equipped with 24V Solenoid Valve

INLET/OUTLET CONNECTION**

01B – 1/8" BSPP (Cv 0.5 with 1/8")
01N – 1/8" NPT (Cv 0.5 with 1/8")
02B – 1/4" BSPP
02N – 1/4" NPT
03B – 3/8" BSPP
03N – 3/8" NPT
SAE4 – 7/16" -18 #4 SAE
SAE6 – 9/16" -18 #6 SAE

SEAT MATERIAL**

A – Acetal (POM)
K – PCTFE (max. inlet 250 bar/3,625 psi)
M – Polysulfone (PSU)
N – Polyamide Imide (PAI)
P – PEEK™
V – Tecasint®

TRADEMARKS: PEEK™ is a trademark of Victrex PLC

* 3/2 solenoid valve as standard (2/2 available on request)

** Other connections/materials may be available

Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues. Pressure Tech Ltd support with product selection recommendations only - it is the users responsibility to ensure the product is suitable for their specific application requirements.



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