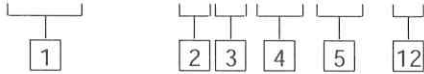# Model Codes

Features in brackets ( ) may be omitted if not required. All other features must be specified.
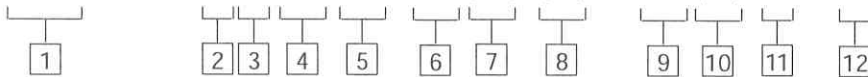
Basic Models (Without Integral Solenoid Pilot Valve)

(F3-) ECT-** * (V)(-K)-1*TB

   1   2 3 4   5   12

Models With Integral Solenoid Pilot Valve

(F3-) ECT5-** * (V)(-K)-*** (-*)-(V) M-*** (L)- * 5-3* TB

   1   2 3 4   5   6   7   8   9 10 11 12

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1 Fluid compatibility

Blank = Anti-wear hydraulic oil
(class L-HM), invert emulsion
(class L-HFB) or water glycol
(class L-HFC)

F3 = As above or phosphate
ester (class L-HFD)

2 Nominal bore size

06 = $^{3}/_{4}''$
10 = $1^{1}/_{4}''$

3 Pressure adjustment range

B = 5 to 70 bar (75 to 1000 psi)
C = 35 to 140 bar (500 to 2000 psi)
F = 100 to 250 bar (1450 to 3625 psi)

4 High vent spring

Omit for low vent spring

5 Pressure adjustment method

K = Micrometer with keylock
Omit for screw/locknut method

6 Integral pilot valve spool/ spring arrangement

0B
0BL
0C   } See "Functional Symbols"
2A
2AL
2C

7 Manual override options

Override option in solenoid end(s) only
Blank = Plain manual override
H = Water-resistant override on DC
solenoids only
Z = No override

8 Solenoid identity method

V = Solenoid "A" at port A end of pilot
valve; solenoid "B" at B end of
pilot valve (German practice).
Omit for solenoid identity to USA ANSI
B93.9 standard, i.e. energize solenoid
"A" for P to A; solenoid "B" for P to B.

9 Solenoid connection type ■

U = ISO 4400 (DIN 43650) on coil ▼
FW = $^{1}/_{2}''$ NPT thread conduit box
FTW= $^{1}/_{2}''$ NPT thread conduit box and
terminal strip
FJ = M20 thread conduit box
FTJ = M20 thread conduit box and
terminal strip
■ *Other connection types as shown in
catalog 2015 (DG4V-3/3S) may be made
available depending on quantities.*
▼ *Female connector to be supplied by user.*

10 Indicator lights

Option for solenoid connection types
F(T)W and F(T)J
L = Lights fitted
Omit if lights not required. For U type
coil use plug with integral light, see nine
pages on.

11 Coil rating

A = 110V AC
B▲ = 110V AC 50 Hz/120V AC 60 Hz
C = 220V AC 50 Hz
D▲ = 220V AC 50 Hz/240V AC 60 Hz
G = 12V DC
H = 24V DC
▲ *For 60 Hz or dual frequency.*

12 Design number

10 series for ECT models
30 series for ECT5 models
Subject to change. Installation
dimensions unaltered for design
numbers 10-19 and 30-39 respectively.