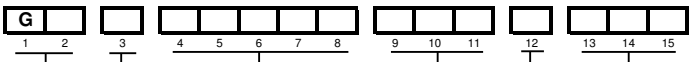

SENSOR MODEL

GH = Hydraulic rod style
GP = Profile style

HOUSING STYLE

Temposonics model GH only (magnet must be ordered separately):
T = US customary threads, raised-faced hex, and pressure tube
S = US customary threads, flat-faced hex, and pressure tube
U = Same as option "T", except uses fluoroelastomer seals for electronics housing
H = Same as option "S", except uses fluoroelastomer seals for electronics housing
M = Metric threads, flat-faced hex, and pressure tube
V = Same as option "M", except uses fluoroelastomer seals for electronics housing
B = Sensor cartridge only (No application housing, stroke lengths 1 to 72 in.)

Temposonics model GP only (magnet included):
M = Floating magnet (Open ring, part no. 251416-2)
S = Captive-sliding magnet with joint at top (part no. 252182)
V = Captive-sliding magnet with joint at front (part no. 252184)

STROKE LENGTH

__ __ __ . __ **U** = Inches and tenths (Encode in 0.2 in. increments)
__ __ __ __ **M** = Millimeters (Encode in 5 mm increments)

CONNECTION TYPE

Integral connector
D60 = 6-pin DIN, standard
MS0 = 10-pin MS Connector (Digital Pulse Only)

Integral cables
R __ __ = Integral cable, PVC jacket, pigtail termination.
F __ __ = Integral cable, PUR jacket, pigtail termination.

Cable Length
__ __ = Encode in feet if using US customary stroke length,
encode in meters if using metric stroke length Range = 1 (01) to 99 (99) ft. or 1 (01) to 30 (30) meters

Integral cables with in-line connectors
RB1 = 1 foot integral cable, PVC jacket, with male in-line RB connector
RB2 = 5 foot integral cable, PVC jacket, with male in-line RB connector
FM1 = 1 foot integral cable, PUR jacket, with male in-line 10 Pin MS connector
FM2 = 5 foot integral cable, PUR jacket, with male in-line 10 Pin MS connector
FD1 = 1 foot integral cable, PUR jacket, with male in-line D6 connector
FD2 = 5 foot integral cable, PUR jacket, with male in-line D6 connector

INPUT VOLTAGE

1 = + 24 Vdc (+20%, - 15%), standard
2 = +9 to +28.8 Vdc
A = + 24 Vdc (+20%, - 15%) - High Vibe Option (GH only 2 - 78 in)
B = +9 to +28.8 Vdc - High Vibe Option (GH only 2 - 78 in)

OUTPUT

Voltage

V0 = 0 to +10 Vdc	**V2** = -10 to +10 Vdc	**V4** = 0 Vdc to +5 Vdc	**V6** = -10 Vdc to 0 Vdc	**V8** = -5 Vdc to +5 Vdc
V1 = +10 to 0 Vdc	**V3** = +10 to -10 Vdc	**V5** = +5 Vdc to -5 Vdc	**V7** = 0 Vdc to -10 Vdc	**V9** = +5 Vdc to 0 Vdc

Current

A0 = 4 to 20 mA	**A2** = 0 to 20 mA
A1 = 20 to 4 mA	**A3** = 20 to 0 mA

Digital pulse
RO__ = Start/Stop. If more than one magnet, the _ denotes number of magnets in hexadecimal
RF __ = Start/Stop, with Closed Error Signal type. If more than one magnet, the _ denotes number of magnets in hexadecimal
NO__ **=** Start/Stop, wired for square wave neutered _ denotes number of magnets in hexadecimal
D__ __ = Pulse-Width Modulated (PWM) (Fill in the two blanks with the following codes.)
a b
F__ __ = Pulse-Width Modulated (PWM), with Closed Error Signal type. (Fill in the two blanks with the following codes.)
a b

a) Interrogation
E = External
I = Internal Range

b) Circulations
__ = Desired number of circulations
1 to 20; encode in hexadecimal

PQ Systems Ltd
- Motion Control -
Tel: 604-299-0022
Fax: 604-299-8453
info@pqsystemsltd.com