Micropulse W Style

Ordering Code

BTLW

Balluff
Linear Transducer

Generation 5

Output Type
A = 0 to 10 Vdc
B = -5 to +5 Vdc
C = 0 to 20 mA
E = 4 to 20 mA
G = -10 to +10 Vdc
S = SSI*

Supply Voltage
1 = 24 Vdc ±20%
5 = 10...30 Vdc

Analog Output Operation
(Leave Blank for Digital Versions)
Voltage output (Output type A, B & G)
1 = User selectable rising or falling
Current output (Output type C & E)
0 = Minimum output at connector end (rising towards opposite end)
7 = Maximum output at connector end (falling towards opposite end)

Stroke Length
0 3 0 5 = 305 mm active stroke length

Housing Type
W...10.2 mm...Compact, threaded rod style, 3/4"-16 UNF threads, 2 inch null point
W8 = 8.0 mm dia. pressure tube (1016 mm max length, 250 bar max pressure)
H...10.2 mm...Compact, threaded rod style, M18x1.5 threads, 40 mm null point
H8 = 8.0 mm dia. pressure tube (1016 mm max length, 250 bar max pressure)

Connection Type
S 3 2 = 8-pin quick disconnect metal connector (see page 34 for mating cable)
K A 0 5 = Axial cable out (5 m standard; specify length in meters)
K 0 5 = Radial cable out (5 m standard; specify length in meters)

Interrogation (only valid if output type = R, otherwise leave blank)
I = Internal interrogation, E = External interrogation

Recirculation (only valid if output type = R, otherwise leave blank)
1 = 1 circulation, 2 = 2 circulations, 3 = 3 circulations, 4 = 4 circulations, 6 = 6 circulations,
8 = 8 circulations, 10 = 10 circulations, 16 = 16 circulations

Differential start/stop with tri-state
Differential stop - leading edge active
Differential pulse - width modulated
Differential start/stop - leading edge active
Single ended start/stop - leading edge (add/US)
Differential start/stop - trailing edge active
Differential pulse-width - recirculated

Standard Stroke Lengths, Inches (mm) (consult factory for additional lengths)

<table>
<thead>
<tr>
<th>Stroke Length (mm)</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 0025</td>
<td>0.025</td>
</tr>
<tr>
<td>2 0051</td>
<td>0.051</td>
</tr>
<tr>
<td>3 0076</td>
<td>0.076</td>
</tr>
<tr>
<td>3.5 0090</td>
<td>0.090</td>
</tr>
<tr>
<td>4 0102</td>
<td>0.102</td>
</tr>
<tr>
<td>5 0127</td>
<td>0.127</td>
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<tr>
<td>6 0152</td>
<td>0.152</td>
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<tr>
<td>7 0178</td>
<td>0.178</td>
</tr>
<tr>
<td>8 0203</td>
<td>0.203</td>
</tr>
</tbody>
</table>

* See additional ordering information on page 32.