**W4800**

Low Activity Weigh Scale for belt conveyors and screw conveyors

The W4800 utilizes low levels of radiation to measure weight of material on/in belt conveyors, screw conveyors and other types of material handling systems. An auxiliary input representing belt or screw speed enables the W4800 to output a mass flow signal. Totalized weight can also be generated through a pulse output.
### W4800 Frame Series

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Standard Ht. for Belt Conveyors (single SHGL w/absorber)</td>
</tr>
<tr>
<td>10</td>
<td>Ext Ht. for Screw Conveyors (single SHGL w/absorber)</td>
</tr>
</tbody>
</table>

#### Electronics

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-</td>
<td>4...20 mA/HART®</td>
</tr>
<tr>
<td>F-</td>
<td>Frequency Output - SmartPro Included</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-</td>
<td>90-250VAC 50/60Hz, 10-50VDC</td>
</tr>
</tbody>
</table>

#### Certification

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>CSA</td>
</tr>
<tr>
<td>3</td>
<td>ATEX</td>
</tr>
<tr>
<td>4</td>
<td>Factory Mutual (FM)</td>
</tr>
</tbody>
</table>

#### Conveyor Width

<table>
<thead>
<tr>
<th>Width</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>305 mm</td>
</tr>
<tr>
<td>18&quot;</td>
<td>457 mm</td>
</tr>
<tr>
<td>24&quot;</td>
<td>610 mm</td>
</tr>
<tr>
<td>30&quot;</td>
<td>762 mm</td>
</tr>
<tr>
<td>36&quot;</td>
<td>915 mm</td>
</tr>
<tr>
<td>42&quot;</td>
<td>1067 mm</td>
</tr>
<tr>
<td>48&quot;</td>
<td>1219 mm</td>
</tr>
<tr>
<td>54&quot;</td>
<td>1372 mm</td>
</tr>
<tr>
<td>60&quot;</td>
<td>1524 mm</td>
</tr>
<tr>
<td>66&quot;</td>
<td>1676 mm</td>
</tr>
<tr>
<td>72&quot;</td>
<td>1829 mm</td>
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</table>

#### Input Voltage

<table>
<thead>
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<tbody>
<tr>
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</table>

#### Detector Housing Material

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>F</td>
<td>Al w/polyester powder coating+304SS detector housing</td>
</tr>
<tr>
<td>K</td>
<td>Al w/polyester powder coating+316SS detector housing</td>
</tr>
</tbody>
</table>

#### Frame Material

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>LCS w/blue polyester powder coating (standard)</td>
</tr>
<tr>
<td>C</td>
<td>316SS</td>
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#### Options

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>X</td>
<td>No Options</td>
</tr>
<tr>
<td>A</td>
<td>Tachometer (supplied by VEGA)</td>
</tr>
<tr>
<td>L</td>
<td>SHLD SourceHolder (Yellow)</td>
</tr>
<tr>
<td>T</td>
<td>Additional source holder and absorber plates</td>
</tr>
<tr>
<td>N</td>
<td>Analog input board (for line down contact)</td>
</tr>
</tbody>
</table>

#### Label

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>-0</td>
<td>Standard Brady label</td>
</tr>
<tr>
<td>-3</td>
<td>Engraved 316SS label</td>
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#### Packaging

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>0</td>
<td>Cardboard Box/Open Skid</td>
</tr>
<tr>
<td>1</td>
<td>Closed Wood crate</td>
</tr>
<tr>
<td>2</td>
<td>Sealed Wood crate</td>
</tr>
<tr>
<td>3</td>
<td>Multi-Stacked skid (optional)</td>
</tr>
</tbody>
</table>
Accessories, Software and Spare Parts - Weight

Cable:

CABLE.202676  Belden 8760 18AWG 2 Conductor 300V. Used to connect frequency or current signals to SmartPro remote electronics or to user's PLC/DCS unit. Specify length in 1 foot (305mm) increments. Price per foot.

CABLE.202679  Tray Cable - Belden 9341: 18AWG X 2 conductors, twisted pair, 600V, shielded, UV resistant jacket. Used to connect frequency or current signals to SmartPro remote electronics or to user's PLC/DCS input. Specify length in 1 foot (305mm) increments. Price per foot.

Manuals:

Additional copies of manuals on CD
Additional copies of paper manuals

Software:

244400.  Ohmview Software with USB HART modem

Recommended Spare Parts:

242281.  Spare electronics: CPU circuit board, Frequency version
239622.  Spare electronics: CPU circuit board, HART version
247658.  Spare electronics: CPU circuit board, HART version (UG)
241519.  Spare electronics: Power supply circuit board
247661.  Spare electronics: Power supply circuit board, HART version (UG)