

— SV5-0416 TETHERED SENSOR OVERVIEW

Easy-to-install condition monitoring in a compact package.

Combined with our powerful, cloud-based, Waites reliability portal, this mid-frequency, high-g, 3-axis vibration tethered sensor will keep your equipment running properly and alert you long before unexpected failures occur. The compact size of the SV5-0416 allows it to fit into practically any space, enabling your operation to monitor machines in even the tightest locations. With well over half a million sensors installed and monitored, customers with Waites systems realize hundreds of millions of dollars per year in documented lost production savings and increased production capacity.

Note: To prevent electromagnetic interference (EMI), avoid installing sensor cables adjacent to MV and HV power cables.

ACCELEROMETER

- Tri-axis, mid dynamic range
 - X Axis: +/- 16 g, Fmax 6.4 kHz*, 1024-4096 LOR
 - Y Axis: +/- 16 g, Fmax 6.4 kHz*, 1024-4096 LOR
 - Z Axis: +/- 16 g, Fmax 6.4 kHz*, 1024-4096 LOR
- *Disclaimer: Attenuation occurs within the 4.2-6.4 kHz range.*

TEMPERATURE SENSOR

Range: -40 to 221 °F (-40 to 105 °C)
w/ ± 1 °F (± 0.5 °C) accuracy

ENVIRONMENTAL

- Operating Temperature: -40 to 221 °F (-40 to 105 °C)
- IP-67

PHYSICAL DIMENSIONS

- 0.53 in x 0.53 in \varnothing (13.5 mm x 13.5 mm \varnothing)
- 10 ft (3.05 m) cable

