

SV4-1150 TETHERED SENSOR OVERVIEW

Easy-to-install condition monitoring with the smallest footprint available.

Combined with our powerful, cloud-based, Waites reliability portal, this high-frequency, 50 g, 3-axis vibration sensor will keep your equipment running properly and alert you long before unexpected failures occur. Connected to a battery-powered wireless node by an extendable cable, this tethered sensor's small footprint will fit into the tightest installation locations. With hundreds of thousands of 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.

TEMPERATURE SENSOR

Range: -40 to 185 °F (-40 to 85°C) w/ ± 4 °F (± 2 °C) accuracy

ENVIRONMENTAL

Operating Temperature: -40 to 185 °F (-40 to 85°C)

ACCELEROMETER

SV4: Tri-axis mid dynamic range

X Axis: +/- 50g, Fmax = 11.2kHz, 32,767 LOR*

Y Axis +/- 16g, Fmax = 2.7kHz, 32,767 LOR*

Z Axis +/- 16g, Fmax = 2.7kHz, 32,767 LOR*

*Note: 50k LOR is in development.

PHYSICAL DIMENSIONS

316 stainless steel housing with IP67 connector

10 ft (3 m) cable

FREQUENCY RESPONSE

