

ND3 NODE OVERVIEW

Combined with our powerful, cloud-based, Waites reliability portal, the ND3 node installed with our line of vibration/temperature sensors and universal adapters will keep your equipment running properly and alert you long before unexpected failures occur. 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.

SENSOR CONNECTIONS

Contains six ports that allow you to connect a combination of vibration/temperature sensors and universal adapters and up to one tachometer.

WIRELESS RADIO

802.15.4 wireless 2.4GHz ISM band with 3,000 ft (914.4 m) LOS range

ENVIRONMENTAL

Operating Temperature: -4 to 185 °F (-20 to 85 °C)

POWER

Battery-powered: Includes the Waites BT2-0020 (2-pack) 3.6V D-Cell with an expected battery life of 3-6 years in normal operating conditions

Line-powered options are also available upon request:

- AC Version: 85-240V power input
AC Current (Max.): 0.12A/115VAC
Inrush Current (Typ.): Cold start 20A/115VAC
- DC Version: 12-32V power input
DC Current (Max.): 500 mA

PHYSICAL DIMENSIONS

- 5 in x 5.375 in x 3.6 in (12.7 cm x 13.6 cm x 9.1 cm)
- Battery-powered: 0.85 lbs (0.39 kg) without batteries, 1.35 lbs (0.61 kg) with batteries
- Line-powered: 1.5 lbs (2.27 kg)
- Cables: Type B is 12 ft (3.66 m), Type C is 10 ft (3.05 m), Type G is 10 ft (3.05 m), and Type I is 6 ft (1.83 m)



Front View



Bottom View