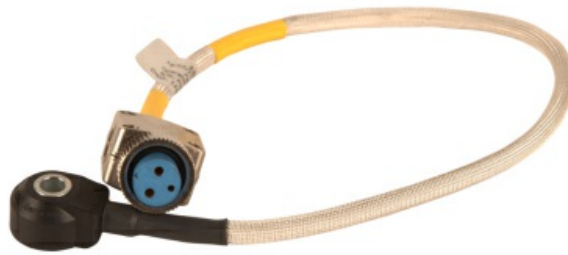


## Industrial Engine Sensors - Anti-Knocking - CVB

# CVB GAS ENGINE ANTI-KNOCKING SENSOR

**CVB**

The CVB 'anti-knocking' sensor is specifically designed for improving gas engine performance. It provides the engine ECU with vibration signals when normal values are exceeded due to knocking, allowing the ECU to tune ignition timing and subsequent cylinder load.

### // Description

The CVB series measures noise/acceleration using a piezo-ceramic which guarantees a high level of sensitivity. They reliably detect structure-borne noise and ensure protection of rotating machines and engines. Thanks to their robustness, CVB sensors are particularly suited to the harsh environments presented by industrial gas engines in power generation environments.

### // Specifications

• Process Connection	.....	M8
• Cable Length (m)	.....	0.8
• Operating Temperature Range	.....	-40°C / +130°C
• Electrical Connection	.....	F1C
• Frequency Range	.....	1 / 20 kHz
• Measuring Range	.....	» 0.1 / 400 g
• Sensitivity @ 5kHz	.....	26 ±8 m V/g

### // Applications

DEFENSE - ARMY

DEFENSE - NAVY

INDUSTRY &amp; UTILITIES - PROCESS INDUSTRIES

INDUSTRY &amp; UTILITIES - HAZARDOUS &amp; MACHINERY

POWER - ENGINES &amp; GENSETS

TRANSPORTATION - LAND

TRANSPORTATION - MARINE

# Industrial Engine Sensors - Anti-Knocking - CVB

## // Markets

DEFENSE

INDUSTRY & UTILITIES

OIL & GAS

TRANSPORTATION

\* Pictures, drawings and technical specifications are non-contractual and may be subject to technical modification

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