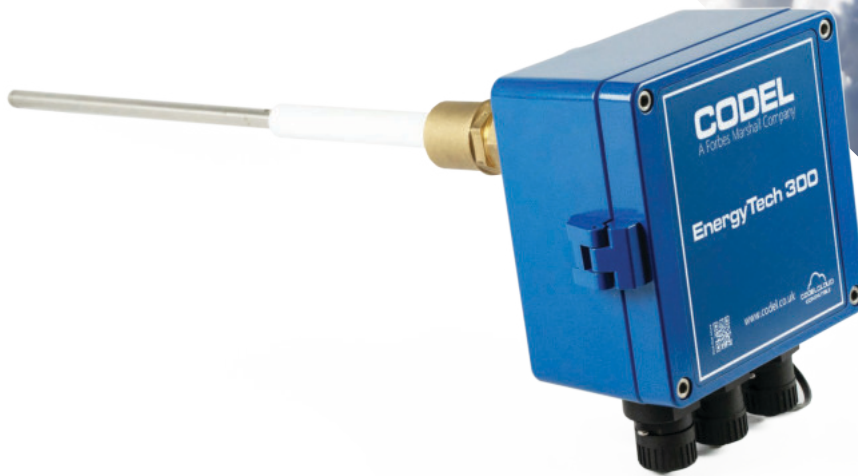


CODEL

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Product Datasheet

EnergyTech 300 Broken Bag Detector



CODEL's dedicated broken bag detector, providing rapid, reliable leak detection to protect processes and maintain environmental compliance.

ISO 9001:2015

Quality Certification

ISO 14001:2015

Environmental Certification

Monitoring Solutions

www.codel.co.uk

EnergyTech 300 Broken Bag Detector

The EnergyTech 300 Series is CODEL's dedicated broken bag detector, designed using proven triboelectric sensor technology to provide fast, effective detection of bag failures in dust collection systems.

Even minor bag ruptures or leaks can lead to hazardous dust emissions, compromising air quality, damaging equipment, and creating costly downtime. The EnergyTech 300 Series offers a simple yet highly dependable solution for identifying these failures as soon as they occur, allowing for rapid intervention before dust escapes into the workplace or environment. By monitoring for broken bags, waste materials are prevented from escaping, helping to maintain a cleaner process and minimising unnecessary material loss.

This not only helps to maintain compliance with environmental standards but also reduces downtime and ensures the smooth operation of industrial processes.

The EnergyTech 300 Series is built solely for broken bag detection making it a affordable solution for ensuring compliance, protecting assets, and maintaining a cleaner, safer work environment.



Features and Benefits

- ▶ Direct sensing method, actual particulate concentration.
- ▶ Easy installation with minimal maintenance required.
- ▶ Affordable solution, focused burst bag detection at a lower cost.
- ▶ Minimises material loss, detects leaks before waste builds up.
- ▶ Triboelectric sensor technology, proven method for accurate dust detection.

Typical Applications

- ▶ Industrial Manufacturing
- ▶ Chemical Manufacturing
- ▶ Power Plants
- ▶ Recycling Plants
- ▶ Woodworking and Sawmills
- ▶ Pharmaceutical
- ▶ Recycling Plants
- ▶ Mining Operations
- ▶ Power Generation
- ▶ Cement Plants
- ▶ Dust Collectors
- ▶ Waste Management

Operating Principle	Triboelectric
Maximum Operating Range	0 - 100%
Resolution	0.01%
Response Time	From 30 Seconds
Alarm Level	Programmable by user
Probe Lengths	250, 500, 750 & 1000mm
Process Temperature	0°C to +250°C
Ambient Temperature	-20°C to +50 °C
Power Supply	24V DC AC +/- 10%
Construction	Powder coated aluminium casting, weatherproof to IP66 (NEMA 4)
Dimensions (mm)	H160 x W160 x D90
Mounting Arrangement	Supplied 1" BSP, 100mm Long Stub Pipe
Accuracy	+/-0.2%



Realtime data and Reporting hub

CODEL Cloud allows for realtime data whenever and wherever you need it.



What is CODEL Cloud?

CODEL Cloud is an advanced cloud-based platform designed to provide real-time remote monitoring and data management for industrial emission monitoring systems. It allows users to access, visualize, and manage emissions data from anywhere, offering full visibility and control over CODEL's Continuous Emissions Monitoring Systems (CEMS).



Security and Compliance

Rest easy knowing that your data is secure and compliant with industry standards. Our software employs robust security measures to protect your sensitive information, ensuring confidentiality and integrity.



24/7 Support

CODEL offers dedicated technical support for CODEL Cloud users. Our team is available to assist with setup, troubleshooting, and ongoing maintenance to ensure smooth operation and optimal performance.



Available on all devices

CODEL Cloud works on any device and any operating system. You can have insights and notifications directly in your pocket on your mobile phone, or live data inside your control room or office.

Live Data Streaming



Harness the power of real-time data streaming to stay ahead of the curve. Our software enables live updates, ensuring you have Realtime instrument data at your fingertips, empowering you to make informed decisions instantaneously.

User-friendly Interface



Our intuitive and user-friendly interface makes navigating and utilizing the software a breeze. No need for extensive training – start extracting value from your data from day one.

Alert Notifications



Stay on top of critical events with customizable alerts. Set thresholds for key metrics, and receive notifications in real-time, allowing you to proactively address issues and capitalize on opportunities.

Advanced Analytics



Dive deep into your data with our advanced diagnostic tools. Uncover patterns, correlations, and outliers that might go unnoticed in traditional analysis. Make data-driven decisions with confidence and precision.

**COMPATIBLE ON ALL
CODEL TRIBOELECTRIC
MONITORS**

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