CT2215

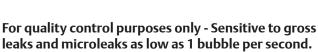
Pressurized Can Leak Detection System

Pressurized can leak detection system for low speed lines up to 60 cans per minute. The CT2215 is designed for ease of installation and is supplied on a hardware only basis.

Features and Benefits

Detects leaks from

- Improperly fitted gaskets
- Faulty Valves
- Trapped dip tubes
- Missing bungs
- Faulty seam welds and joins
- Pinholes
- Construction faults





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Table 1 - Configuration

Standard Equipment	Standard	Optional
Leak detection unit (ATEX zone 2)	•	
Stand for leak detector unit	•	
Control and rejection system (out of zone)	•	
Out of zone status lamps	•	
15 M cabling (leak detection unit to control module)	•	
Air preparation equipment (for sampling and reject)	•	
Air rejection	•	
Optional Equipment		
Stand for control module (out of zone)		О
Production line reject chute		0
Additional factory air filtration (air filter & dryer)		0
Can spacing and control		О
Mechanical rejection		0
Additional propellant (DME)		0
Performance		
1 bubble per second	•	
Line speed (CPM)	Up to 60	

Other gases and ranges are available on request. The ranges and detection limits provided indicate typical analyzer performance but may change depending on your application. Please contact Rosemount Analytical for more information.





Specifications

Table 2 - CT2215 Pressurized Can Leak Detection System

Value	
Application	Leak Detection System
Measurement technique	IR Absorption Spectroscopy
IR source	Quantum Cascade Laser
Laser classification	CLASS 1 BS EN 60825-1:2007 Safety of laser products Equipment classification and requirements (identical to IEC 60825-1 2007)
Performance	
Sensitivity	1 bubble per second
Line speed	Up to 60 cpm
Can dimensions	Up to 350 mm (H) x 80 mm (D)
Response time	20 ms
Environmental	
Temperature range	10–30 ℃
Sample gas temperature range	Room temperature
Humidity range	n/a
Protection class	IP65
Hazardous area classification	Ex II 3G Ex nR II T6(10 °C \leq T _{amb} \leq 30 °C)
Inputs and Outputs	
Analogue signal out	n/a
Analogue signal in	n/a
Digital signal out	3 x normally closed contact
Digital signal out	10/100 Base T Ethernet
Inlet gas port connector	¾ in BSPT
Exhaust gas port connector	¾ in BSPT
Electrical Rating	
Power supply	120 VAC 60 Hz/240 VAC 50 Hz 200 W/A
Dimensions	
Size	600 x 330 x 500 mm [H x W x D]
Weight	20 kg
Installation	On production line

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HEADQUARTERS

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