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SAFETY & SECURITY SYSTEMS

for a safer world!



2024

GAS DETECTION SYSTEMS

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GAS DETECTION
ANALOG GAS DETECTION SYSTEMS



The analog gas detection panels:

- Can cooperate with 4-20mA detectors which operate with 2 or 3 cables.
- Space for lead batteries 2x12V/7Ah and power supply for the recharge.
- 4, 8, 12 or 16 outputs for detectors.
- 5, 9, 13 or 17 programmable relay outputs.
- LCD screen to properly inform the user of any event.
- Easy to operate and programming with 6 keys.
- Led indication for every error or alarm.

BS-304
BS-308
BS-312
BS-316
Analog gas detection panels with connection capability of 4, 8, 12 or 16 detectors, 4-20mA

A-304
4 zone expansion unit



IP55

II 2G Ex d IIC T6 Gb, -20°C ≤ Ta ≤ + 60°C

TC100N

Analog gas detectors
4-20mA antiexplosive type.
With catalytic sensor type.

- Detector capable of detecting liquid gas, natural gas or gasoline and petrol fumes
- Suitable for cleaning facilities, chemical installations, gas stations, boiler room, paint plants and other locations where there are gases.



IP65

II 2G Ex d IIC T6 Gb, -20°C ≤ Ta ≤ + 60°C

TS293XX

Analog gas detectors
4-20mA antiexplosive type.
With Catalytic or Electrochemical Sensor Type.

- Detector capable of detecting LPG, natural gas, ammonia, oxygen, carbon monoxide, hydrogen, and at least 100 types of explosive and dangerous gases



IP65

TS282XX

Waterproof analog gas detector, 4-20mA.
With Catalytic or Electro-chemical Sensor Type.

- Detector capable of detecting LPG, natural gas, carbon monoxide, ammonia.



IP66

BS-658

High quality electrochemical detector of carbon monoxide.

- Suitable for gas detection in parking lots and garages or boiler rooms.



IP65

BS-375/WP/A, BS-376/WP/A

Waterproof slave gas detector with a catalytic sensor type.

- Detection of LPG or natural gas-methane
- Power supply 10-30V DC



IP65

BS-685, BS-686

Waterproof gas detector of LPG & natural gas. Power supply from fire detection panel.

- Detector lifetime 5 years
- Consumption 0,5W

Technical specifications for the gas detection panels

	BS-304 4 detectors 4-20mA	BS-308 8 detectors 4-20mA	BS-312 12 detectors 4-20mA	BS-316 16 detectors 4-20mA
Power Supply	220-240V AC / 50-60HZ			
Consumption	23W / 60VA			
Battery Type	12V / 7Ah Pb or 2X12V / 7Ah			
Charge Circuit	Power supply 13.8V / 500mA			
Outputs	17 programmable relays (5A/230V AC), Standard output 20V / 300mA			
Wrap protection class	IP30			
Operating temperature range	5 - 40°C			
Humidity	Up to 95% humidity			
Dimensions	445 x 345 x 95 mm			
Weight	6160gr.			
Produced in accordance with	EN 62368, EN 61000-6-1, EN 61000-6-3			
Warranty	2 years			



IP40

BS-690, BS-691

Autonomous gas detection devices of LPG with fire detection zone and output relay, siren and beacon.

- With catalytic sensor type and 230V AC

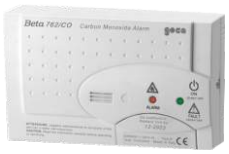


IP40

BS-694, BS-695

Autonomous gas detection devices of LPG with fire detection zone and output relay.

- With catalytic sensor type and 230V AC



IP42

SE-325EC

Autonomous carbon monoxide gas detector with 3V lithium battery.

- Electrochemical Sensor Type
- Battery 3V/1400mA



IP65

BS-377/WP/A, BS-378/WP/A

Waterproof slave gas detector with a catalytic sensor type.

- Detection of LPG or natural gas-methane
- Power supply 230V AC



IP65

BS-527/WP/V2

Stop Gas indication luminaire with buzzer



IP20

BS-162

Module for 12V electro-vavles

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APPROVAL SWISS Objectively True

ISO 14001, ISO 45001, ISO 9001

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