

Noventis Technologies

Eight Channel Gas Detection Controller

Cesar (LX8)



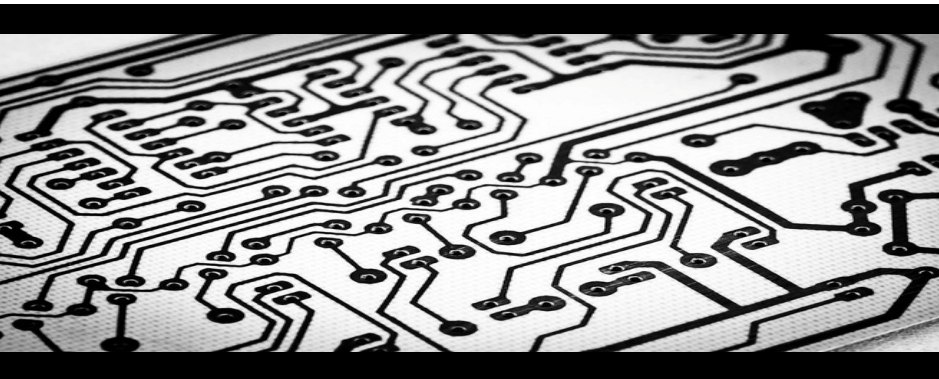
Versatile and Cost Effective

The Noventis Cesar is one of the best and most comprehensive gas detection controllers available in the life safety industry. It is especially designed for systems which rely on analogue transmission, monitoring a wide range of toxic and / or flammable gas detectors.

The standard unit accommodates a total of eight analogue inputs and nine fully programmable relay outputs. However, it can be extended up to 128 analogue inputs and 144 relay outputs. It comes with onboard features such as Modbus, remote alarm inhibit, audible alarm silencing and a large 20mm segment display providing all the information you need about your gas detectors at a glance.

The unit is fully programmable using its onboard keypad; alternatively you may configure the unit via its optional software which also enables data acquisition.

- alarm processing for up to 8 gas detectors (4-20mA)
- can be extended up to 128 analogue inputs
- comes in wall mount and surface mountable option
- large, clear display
- flexible programming
- relays are freely assignable to each channel
- audible alarm mute and remote alarm mute
- inclusive Modbus output
- optional Ethernet and CAN Bus
- unit fully programmable using key pad
- optional windows[®] software available for programming and data acquisition
- local manufactured



Noventis Technologies
Gas Detection & Life Safety

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Specifications

ENCLOSURE

Dimensions	360 (h) x 270 (w) x 120 (d) mm
Material	ABS
Weight	2.8 kg
Protection	IP 65

CONNECTIVITY

Analogue Inputs	8 inputs 4-20mA (for each Cesar card)
Digital Inputs	4 inputs (Switch to ground, switch to 5-24 VDC)
Digital Outputs	Standard RS485, Optional RS232 and Ethernet
Relay Outputs	9 x relays, Form A, rated 5A resistive 240VAC
Power	85-250 VAC / 6 Watt
Internal Supply	24VDC / 2.5 Amps or 4.2 Amps (Optional)

OPERATION

Display	Large segment display (Red) LED indicators
Display Range	-1999 to 9999
Accuracy	0.1% of full scale when calibrated
Internal Buzzer	68 dB (Programmable)
Alarm Mute	Programmable
Remote inhibit	Via Digital Input
Remote reset	Via Digital Input
Data logging	Optional Internal logger memory 2, 4 or 8 Mbyte
Operating Temp	-10 ... 60 C
Humidity	5 to 95% non condensing
Compliance	AS/NZS 61000-3-2

SOFTWARE (Optional)

Functionality	Programming and Data logging of controller
OS	Windows [®] 7, 8 & 10
COMM	Via RS232, RS485 or Ethernet (TCP)

ACCESSORIES



Audible Visual Alarm

- Safe area, intrinsically safe or flameproof
- Weatherproof to IP65
- Choice of lens colours



Mute / Acknowledge Switch

- Remote acknowledgement of alarms
- Mute audible alarms
- Stainless Steel Design



Gas Detector / Transmitter

- For toxic, oxygen and combustible gases
- Weatherproof to IP62
- Standard 4-20 mA Output



Data Acquisition Software

- Data and event logging
- Configuration tool for controller
- Supports IP
- Windows[®] 7, 8 & 10

