

## PRELIMINARY DATA SHEET



### TOCSIN 902 ADDRESSABLE HAZARDOUS GAS MONITOR

The first in a new series of innovative gas monitoring solutions from Oliver IGD.

The Tocsin 902 can be used either as a stand alone 4-20mA transmitter module or as an addressable intelligent transducer in a larger system.

The software platform for the Tocsin 902 can be upgraded as new enhancements are added making the 902 system the only hazardous area gas detector you will ever need

Digital processing technology enhances an already proven range of hazardous area gas detectors making the Tocsin 902 series perform to new levels of excellence.

### FEATURES AND BENEFITS

Wide Power Supply Tolerance 12-30V DC

Use Either As Stand Alone 3 Wire 4-20mA Transmitter. Or

Use As A 4 Wire Addressable Gas Detector.

Available For Toxic or Flammable Gases

Upgradeable Software Stored In EEPROM

High Visibility Local LED Display

Remote or Local Single Man Calibration

IP66 Temperature Class T6 Zone 1 Group IIC Hazardous Locations

Service Modes Accessed Remotely Or Locally Without Opening The Enclosure.

Automatic Fault Diagnosis And Detection



Use In Conjunction With the Tocsin 900 Series Control Panels to control and monitor up to 256 Tocsin 902 series Detectors. The Panel Is Software Configurable To Name, Zone, Programme Alarms And Vote Sensors For Rising, Falling or Band Alarms. Serial Communications are Available To Report To Host Systems As well As 12 Built In Control Relays And 5 Digital Inputs For Interfacing To Other Systems Or Devices. Expansion Modules Can Be Added If More Inputs/Outputs Are Required.

#### WITHUS

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Oliver IGD Limited reserve the right to amend specifications without prior notice

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### SYSTEM OVERVIEW

RS232 Comms Link To Host  
Systems, SCADA, BMS etc

Bright Back Lit Graphics  
LCD Display

Restricted Access To Control  
System

12 Volt Free Relay Contact  
Outputs As Standard  
Expandable To 76 Outputs

110/230 VAC

Or

24V DC  
Power Options

Battery Back Up Units Available

RS485 Comms  
& Power

Up To Four  
Double Loops  
Of 32 Sensors  
Each

Or Up To Eight  
Single Runs  
Of 32 Sensors.

Toxic Or Flammable Gases

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