

# PRODUCT DATA SHEET

www.internationalgasdetectors.com

**OLIVER IGD**

Control Systems

Transmitters

Sensors

Accessories

## TOCSIN 30 SERIES ANNUNCIATORS

### Addressable Display Interface

Replace dumb beacon sounders with TOC-30 annunciators and have meaningful alarm messages displayed.

TOC 30 Series Annunciators add extra flexibility to addressable gas detection systems, combining a colour alarm display with E-Stops, Key Switches or other inputs.

Displayed messages are programmable as:

Safe Message: Green Background: Display When not in Alarm

Alarm Message: Flashing Red Background: Address 42xx  
Displayed When Address is activated by control panel

Built in Relay &: Activated When Address is activated by control panel  
Sounder

There are three digital inputs which are used by the control panel in the same manner as other addressable inputs and have unique system addresses. Cause and Effect actions can then be programmed from the system controller.

TOC-30 Series Annunciators can be used for door entry control.

Use the digital inputs to interface with other systems such as fire alarms .

As with detectors in the TOC-30 series the annunciators will interface with any IGD addressable control panel.

TOC-30 Annunciators are standard 2 gang fitting and as such can be used with standard plaster boxes or dado rail to neatly fit into any environment.



TOC-30A-ANN



TOC-30-AN1



TOC-30-AN2



TOC-30-AN3



International Gas Detectors

CH<sub>4</sub> H<sub>2</sub>S CO<sub>2</sub>  
NO NO<sub>2</sub> SO<sub>2</sub>



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England

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FS646773  
REF: T30ANN-3

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## EC Declaration of Conformity



Issuers name and address:

Oliver IGD Limited of  
Triton House  
Crosby St,  
Stockport,  
United Kingdom

Declares that the product listed as:

**TOCSIN 30 SERIES ANNUNCIATOR**

Addressable 4-Wire Gas Detector - Interface Node & Status Display

Are in conformity with the provisions of the following European Directive(s) when installed, operated, serviced and maintained in accordance with the installation and operating instructions contained in the product documentation.

**2004/108/EC**      **EMC Directive**  
**2006/95/EC**      **Low Voltage Equipment Directive** (note not applicable to 24V DC Powered Versions)

And that the standards and/or technical specifications referenced below have been applied or considered.

EN 61779-1:2000	Electrical apparatus for the detection and measurement of flammable gases, general requirements and test methods.
EN 50271:2010	Electrical apparatus for the detection and measurement of combustible gases, toxic gases or Oxygen: requirements and tests for apparatus using software and or digital technologies. <i>Excluding requirements for SIL</i>
EN 61000-6-2: 2005	EMC Generic standards. Immunity for industrial environments
EN 61000-6-4:2007/A1: 2011	EMC Generic standards. Emission standard for industrial environments
EN 61000-3-2: 2014	EMC Limits. Limits for harmonic current emissions (equipment input current $\leq 16$ A per phase)
EN 61000-3-3: 2013	EMC Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16$ A per phase

Technical File Reference      T30ANN-TF9

Product Markings      **CE**      **TOC-30-ANN**      *SI*-serial number

Oliver IGD Limited Operate and Independently assessed ATEX/IECEX QAN.

Oliver IGD Limited operate an independently assessed ISO9001:2008 Quality Management System.

Testing Agency:

TUV - SUD  
Octagon House  
Concorde Way  
PO 15 5RL  
Fareham



Mehr Sicherheit.  
Mehr Wert.

Quality Assurance Certificate Number  
**ExVeritas 16PQAN0014**

Quality Management Certificate Number  
**FS 646773**

Quality Assurance Notification Number:  
**2585**

ExVeritas,  
Units 16-18,  
Abenbury Way,  
Wrexham Industrial Estate,  
Wrexham, UK, LL13 9UZ

BSI Assurance UK LTD,  
Chiswick High Road,  
London  
W4 4AL  
UK

TUV Certificates and reports can be checked on-line at [https://www.tuev-sued.de/industry\\_and\\_consumer\\_products/certificates](https://www.tuev-sued.de/industry_and_consumer_products/certificates)

Issued by:      Oliver IGD Limited, Stockport, SK2 6TS , United Kingdom

Signature:

Declaration of Conformity in accordance with EN ISO/IEC 17050-1:2010

Name

Andrew J Collier M.I.O.D

Position:      Managing Director

Date:      1.June 2016

Declaration Ref: T30DANN-DEC-3



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NO<sub>2</sub> SO<sub>2</sub> NO<sub>2</sub> CO



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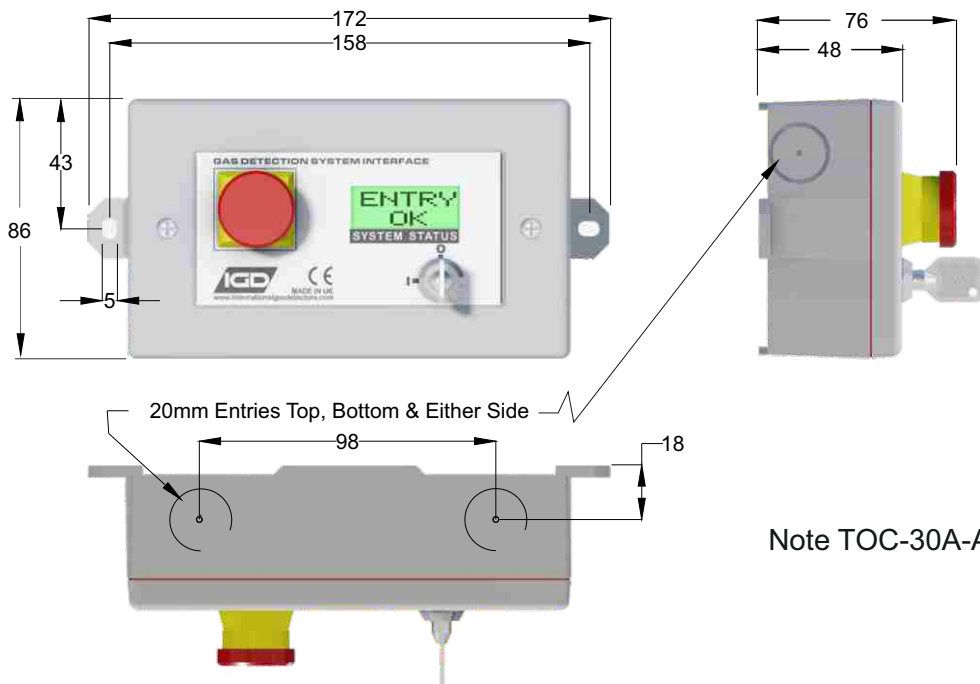
## Part Numbers & Features

Part Number	Description	Single Pole Relay	Sounder	Display	E-Stop	Key Switch	Digital Inputs
TOC-30A-ANN	Base Unit	✓	✓	✓	✓	✓	3
TOC-30A-AN1	With E-Stop	✓	✓	✓	✓		2
TOC-30A-AN2	With Key Switch	✓	✓	✓		✓	2
TOC-30A-AN3	With Key Switch & E-Stop	✓	✓	✓	✓	✓	1

## TECHNICAL

Housing	ABS,
Sealing	IP65 (using suitable glanding)
Environment	0 -95% RH Non Condensing
Temperature	0-55 Deg C
Voltage	12-28V DC
Communication	RS485 IGD Data Highway 24V, 0V, A, B 4 Core Screened Cable
Relay	5A Non Inductive Loads 230V AC
Inputs	3 off
Sounder	85dB
Display	2 x 8 Programmable LCD with RGB Backlight

## MOUNTING DETAILS AND DIMENSIONS



Note TOC-30A-AN3 Shown

**IGD**

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