

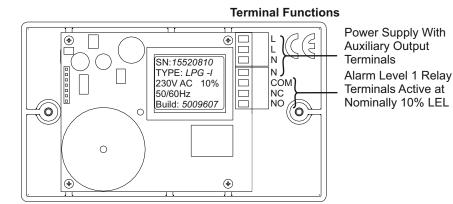
Gas Detectors Crosby Street Stockport SK2 6TS England Tel: +44 (0)161 483 1415 Fax: +44 (0) 161 484 2345 Email: sales@internationalgasdetectors.com Website: www.internationalgasdetectors.com

FS646773 REF: TOC-10-CH4-23R-V1.06

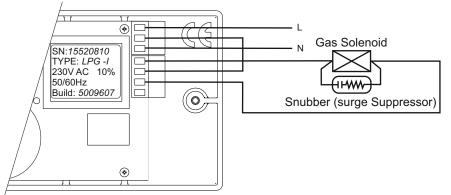
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Issuers name and address:	_0_00		Declares that the			
Oliver IGD Limited of Triton Hous, Crosby Street, Stockport, SK2 6TS England		$(\epsilon$		nt gas detector	<b>CH4</b> -7 for use in 'safe' n tion.	
Is in conformity with the pro- accordance with the installa						aintained in
2004/108/EC EMC Di	rective					
perf   EN 50270:2015 - Ela   gas   EN 60335-1:2002 - Ha   EN 60529 - Ing   EN 61000-6-2: 2005 - EM   EN 61000-6-4: 2007 - EM   EN 61000-3-2/A2:2009 - EM   EN 61000-3-3: 2008 - EM   System - EM	ectrical apparatus to ormance requirem ectromagnetic com es, toxic gases or o busehold and simila gress Protection Ra AC Generic standa AC Generic standa AC Limits. Limits for AC Limits. Limitatic	for the detection o ents. patibility. Electrica Oxygen. ar electrical applia ating urds. Immunity for urds. Emission star or harmonic currer on of voltage chan nt with rated currer	f combustible gases al apparatus for the nces. Safety. Gene industrial environme ndard for industrial	s in domestic p detection and ral Requireme ents environments ment input cur ations and flick	premises. Test Me measurement of ents rent ≤ 16 A per ph	combustible nase)
Product Markings	<u> тос-10</u>	-CH4-23R	S/-serial numbe	<i>r</i>		
Oliver IGD Limited Operate an assessed ATEX/IECEX QAN.	d Independently		operate an independ 8 Quality Managemer		Testing Agency:	
Quality Assurance Certi <b>ExVeritas 16PQA</b> Quality Assurance Notific	N0014	Quality Ma	nagement Certificate FS 646773	Number	TUV - SUD Octagon House Concorde Way PO 15 5RL Fareham	
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Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, UK, LL13 9UZ		Chiswick High Roa London W4 4AL UK	,			Mehr Wert.
TUV Certificates and report	s can be checked o	n-line at <u>https://www</u>	w.tuev-sued.de/industr	y_and_consume	r_products/certificate	<u>es</u>
Issued on: 10 Feb 201	6 At	Oliver IGD Limit	ed, Stockport, SK	2 6TS,Unite	ed Kingdom	
Signature:		Declarati	ion of Conformity in	accordance v	vith EN ISO/IEC 1	7050-1:2010
Name	-	Andrew	J Collier M.I.O.D			
Position: Managir	ng Director	Date:	10 Feb 2016	Dec	laration Ref: TOC	-10-DEC-2
International Gas Detectors	Triton Ho Crosby S Stockpo SK2 6TS England	buse Street rt		Tel: +44 (0)161 Fax: +44 (0) 161 ternationalgasdete ternationalgasdete	484 2345 ectors.com ectors.com	Состанование и состанов Состанование и состанование и состанование и состанование и состанование и состанование и состанование и состано Состанование и состанование и состанование и состанование и состанование и состанование и состанование и состано Состанование и состанование и состанование и состанование и состанование и состанование и состанование и состан



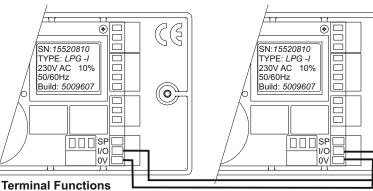
Installation requirements



## **Typical Operation**



Link Function



! Warning !

Installation of this device to the mains power supply should only be made by a competent person. The unit is supplied pre-calibrated but should be checked regularly, at least monthly using the test feature. Clean only with a damp cloth do not use any cleaning products

Do no tamper with this equipment to do so may risk electric shock or incorrect operation

Example shows a TOC © Wired to a gas supply solenoid valve. The warning light is active in this example when the first alarm level is reached (10%) and the gas solenoid is de-activated when the second alarm level is reached (25%). Note in this example a surge suppressor is fitted to the gas solenoid to extend the life of the relay. For DC solenoids a diode could be fitted. Any such installation must comply with the national regulations in force in the country EN1775 refers

Up to 8 Toc-10 © units can be linked together using the I/O and 0V terminals. When linked the Toc-10 © units have common alarm and common reset function.

Use minimum 0.75mmSQ Cable

## **Other Models Available**

LPG	Models
	moucia

LPG Models		Methane (Natural Gas) Models		
T10-LPG-12RP	Marine 12V DC Version with 2 Alarm Relays	T10-CH4-23	Basic CH4 Version No Relay Outputs	
T10-LPG-23	Basic LPG Version No Relay Outputs	T10-CH4-23R	Single Relay Version	
			Full Version With 2 Alarm Relays	
T10-LPG-23R2W	Fitted With 3M UK Mains Lead and 2 Alarm Relays	T10-CH4-23R2W	Fitted With 2M UK Mains Lead and 2 Alarm Relays	

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OLIVER IGD Triton House

**Crosby Street** 

Stockport

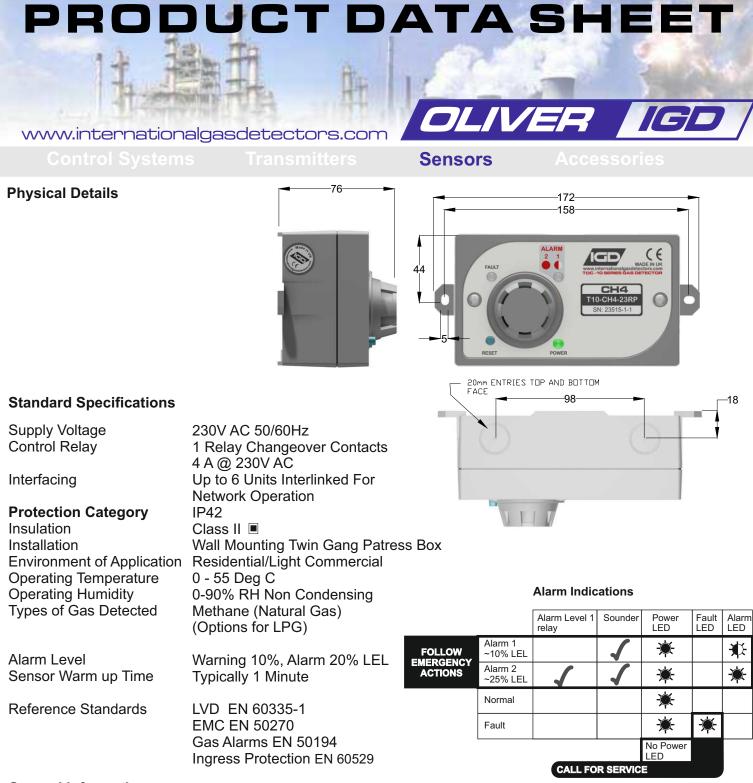
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## **General Information**

Note that the power LED will flash during warm up for 1 minute.

Some commonly occurring substances may cause long term

The TOC-10 © is pre-calibrated for its indicated target gas, usually LPG or Methane. The TOC-10 © will respond to any flammable gas to a greater or lesser degree. The following list indicates typical materials that may be commonly present which the unit may respond to in operation:

Aerosol Propellants (Butane) Paint Solvents (VOC's) Hot Cooking Oils Nail Varnish Solvent Based Adhesives (VOC's)





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detector damage, typically:

Silicones (furniture polishes)

Hair sprays (Silicones, VOC's etc) Chlorinated Cleaning Agents

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