

England

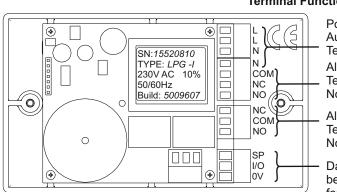
ES646773 REF: TOC-10-LPG-23RP-V1.07

PRODUC	CT DATA	SHEET
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www.internationalgasdet	tectors.com	IER IGD
	ansmitters Sensors	
Issuers name and address:	claration of Confo	prmity e product listed as:
Oliver IGD Limited of Triton House, Crosby Street, Stockport, Sk2 6SH England	Flammable point areas only, stand	IO-LPG-23-RP t gas detector for use in 'safe' non-zoned alone operation.
Is in conformity with the provisions of the follo accordance with the installation and operating	wing European Directive(s) when installed g instructions contained in the product doc	d, operated, serviced and maintained in cumentation.
2004/108/EC EMC Directive		
And that the standards and/or technical specif	fications referenced below have been app	lied or considered.
EN 50194-1:2009 - Electrical apparatus a performance requirem	for the detection of combustible gases in contents.	domestic premises. Test Methods and
	npatibility. Electrical apparatus for the dete	ection and measurement of combustible
EN 60335-1:2002 - Household and simila EN 60529 - Ingress Protection R EN 61000-6-2: 2005 - EMC Generic standa EN 61000-6-4: 2007 - EMC Generic standa EN 61000-3-2/A2:2009 - EMC Limits. Limits for EN 61000-3-3: 2008 - EMC Limits. Limitation	ar electrical appliances. Safety. General R ating ards. Immunity for industrial environments ards. Emission standard for industrial envir or harmonic current emissions (equipment on of voltage changes, voltage fluctuations nt with rated current ≤ 16 A per phase	ronments input current ≤ 16 A per phase)
Product Markings (€ TOC-10	-LPG-23RP S/-serial number	
Oliver IGD Limited Operate and Independently assessed ATEX/IECEX QAN.	Oliver IGD Limited operate an independently ISO9001:2008 Quality Management Sys	
Quality Assurance Certificate Number ExVeritas 16PQAN0014	Quality Management Certificate Numl FS 646773	PO 15 5RL
Quality Assurance Notification Number: 2585		Fareham
ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, UK, LL13 9UZ	BSI Assurance UK LTD, Chiswick High Road, London W4 4AL UK	Mehr Sicherheit. Mehr Wert.
TUV Certificates and reports can be checked o		d consumer products/certificates
	Oliver IGD Limited, Stockport, SK2 65	
Signature:	Declaration of Conformity in acc	ordance with EN ISO/IEC 17050-1:2010
Name	Andrew J Collier M.I.O.D	
Position: Managing Director	Date: 10 Feb 2016	Declaration Ref: TOC-10-DEC-2
International Gas Detectors CH4H2CO2 Stockpo Sk2 6SH England	Street Fax: Street Email: sales@internati ort Website: www.internati	

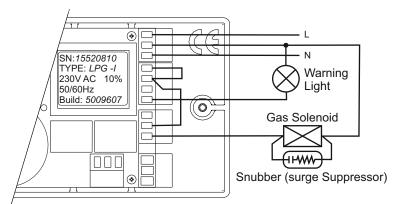
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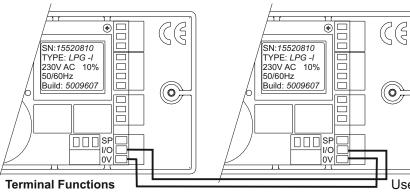
Installation requirements



Typical Operation



Link Function



Terminal Functions

Power Supply With Auxiliary Output Terminals

Alarm Level 1 Relay Terminals Active at Nominally 10% LEL

Alarm Level 2 Relay Terminals Active at Nominally 25% LEL

Data interconnect between Toc-10 units for linked operation

! 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-10 © Wired to a gas supply solenoid valve and warning light. 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	Мо	dels

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



OLIVER IGD Triton House

Crosby Street

Stockport

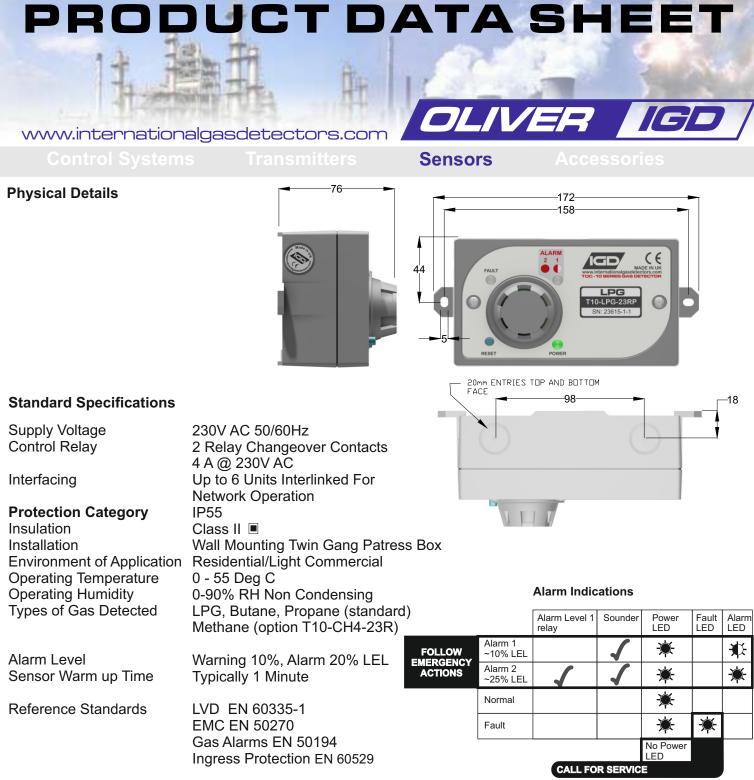
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General Information

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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