

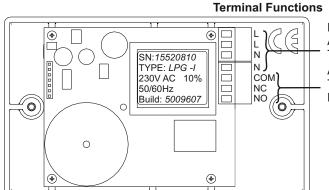
England

ES646773 REF T10-LPG-23-V1.06

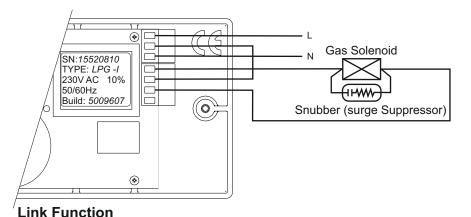
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Crosby Street Stockport,	t,							'safe' non-zoned
SK2 6TS					areas on	y, stand alone o	peration.	
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			al specificatio	ns referenc	ed below have be	en applied or co	nsidered	
EN 50194-1:2			-		of combustible gas			Methods and
EN 50270:201	15		etic compatib		al apparatus for th	he detection and	d measurement	of combustible
EN 60335-1:2		gases, toxic g - Household a			ances. Safety. Ge	neral Requirem	ents	
EN 60529 EN 61000-6-2		<ul> <li>Ingress Prot</li> <li>EMC Generi</li> </ul>		mmunity for	industrial environ	nments		
EN 61000-6-4	: 2007	- EMC Generi	c standards. E	Emission sta	andard for industri nt emissions (equ	al environments		nhase)
EN 61000-3-3	3: 2008	- EMC Limits.	Limitation of v	/oltage chai	nges, voltage fluct	tuations and flicl		
Technical File		- T10-TF9 Te			ent ≤ 16 A per pha	ISE		
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Position:	Man	aging Director		Date:	10 Feb 2016	De	claration Ref: T	OC-10-DEC-2
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			Triton House			Tel: +44 (0)16 Fax: +44 (0) 16		🛎 ) 🗸 🛛
International	00	tors	Crosby Street Stockport		Email: sales@ Website: www	internationalgasdet internationalgasdet	ectors.com	UKAS MANAGEMENT SYSTEMS 003
		; <b>U</b>	SK2 6TS England			Juciot		FS646773 T10-LPG-23-V1.06



Installation requirements



## **Typical Operation**



CE

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Power Supply With Auxiliary Output Terminals Alarm Level 1 Relay Terminals Active at Nominally 10% LEL

## ! 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**

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50/60Hz

**Terminal Functions** 

SN:15520810

TYPE: LPG -I

230V AC 10%

Build: 5009607

1/0

0V

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LPG Models	
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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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SN:15520810

TYPE: *LPG -I* 230V AC 10%

Build: 5009607

SP

1/0

0V

50/60Hz

CE

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OLIVER IGD

Triton House

**Crosby Street** 

Stockport

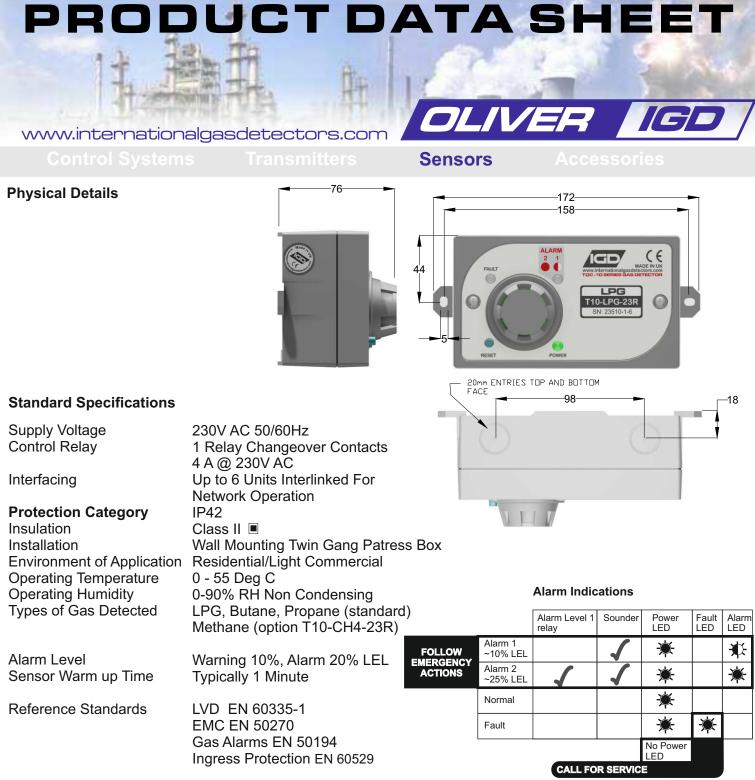
SK2 6TS

England

Tel: +44 (0)161 483 1415 Fax: +44 (0) 161 484 2345 Email: sales@internationalgasdetectors.com Website: www.internationalgasdetectors.com



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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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Stockport

SK2 6TS

England

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detector damage, typically:

Silicones (furniture polishes)

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

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