

Stockport

SK2 6TS

England

 $-CO_2$

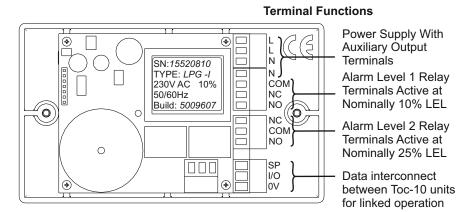
FS646773 REF: TOC-10-LPG-23RP-V1.06

Email: sales@internationalgasdetectors.com Website: www.internationalgasdetectors.com

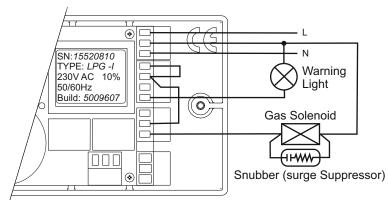
PF	RODU	CTD	ATA	SH	IEF	ET
1	11 Jer #		151	1		12.0
		L. Ha	10		S.	
	nternationalgasd	atactors com	OLIV	(ER		3D /
		Transmitters	Sensors		ssories	
		eclaration				
Issuers name	and address:	sciaration	Declares that the p		as:	
Oliver IGD Lim Triton Hous,	nited of		TOC-1	O-LP	G-23	3-RP
Crosby Street,			Flammable point g areas only, stand a			e' non-zoned
Stockport, SK2 6TS			areae only, etana e			
England	y with the provisions of the f			operated se	rviced and m	aintained in
accordance wi	th the installation and opera	ting instructions contain	ed in the product docur	mentation.		
2004/108/EC	EMC Directive					
	andards and/or technical sp					
EN 50194-1:20	009 - Electrical apparate performance requir	us for the detection of co rements.	ombustible gases in do	mestic premi	ses. Test Me	thods and
EN 50270:201	5 - Electromagnetic c gases, toxic gases	compatibility. Electrical a or Oxygen.	pparatus for the detect	ion and meas	surement of o	combustible
EN 60335-1:20 EN 60529		milar electrical appliance	es. Safety. General Rec	quirements		
EN 61000-6-2: EN 61000-6-4:	2005 - EMC Generic star	ndards. Immunity for ind ndards. Emission standa		nments		
EN 61000-3-2/	A2:2009 - EMC Limits. Limit	s for harmonic current e	missions (equipment ir	nput current ≤		
EN 61000-3-3:	systems, for equipr	ation of voltage changes nent with rated current ≤		and flicker in	public low-vo	itage supply
Technical File	- T10-TF9 Technic	al construction File				
Product Markin	^{ngs} (Е тос-1	IO-LPG-23RP	S/-serial number			
Oliver IGD Limite assessed ATEX/	ed Operate and Independently IECEX QAN.		erate an independently as Quality Management Syste	em.	ing Agency:	
Quality Assurance Certificate Number					' - SUD agon House	
ExVeritas 16PQAN0014			gement Certificate Numbe FS 646773	PO ^r	corde Way 15 5RL	
	surance Notification Number: 2585		D	Fare	ham	
ExVeritas, Units 16-18,		BSI Assurance UK LT Chiswick High Road,	D,			Mehr Sicherheit. Mehr Wert.
Abenbury Way, Wrexham Industr		London W4 4AL				
Wrexham, UK, L	L13 902 es and reports can be checke	UK	ev-sued de/industry and	consumer proc	lucts/certificate	
Issued on:		At Oliver IGD Limited				<u> </u>
	101 65 2010				nguom	
Signature:		Declaration	of Conformity in accord	dance with E	N ISO/IEC 1	7050-1:2010
Name		Andrew J C	Collier M.I.O.D			
Position:	Managing Director	Date: 10	Feb 2016	Declaratio	on Ref: TOC-	10-DEC-2
		DLIVER IGL			bsi.	
International		n House sby Street		44 (0)161 483 1 44 (0) 161 484 2	345	
CHAH	Stoc	kport 6TS	Email: sales@internation Website: www.internation		com	MANAGEMENT SYSTEMS 003 6646773
30	Engl	ana			REF: TOC-10-	-LPG-23RP-V1.06



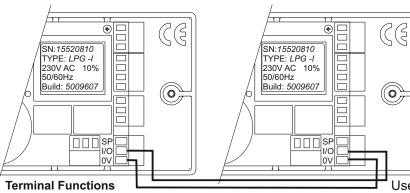
Installation requirements



Typical Operation



Link Function



Crosby Street

Stockport

SK2 6TS

England

! 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

Mathema (Natural Caa) Madala

Other Models Available

L	PG	Mo	de	ls
			uc.	•••

LFG Wouels				
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	
T10-LPG-23R	Single Relay Version	T10-CH4-23RP	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	

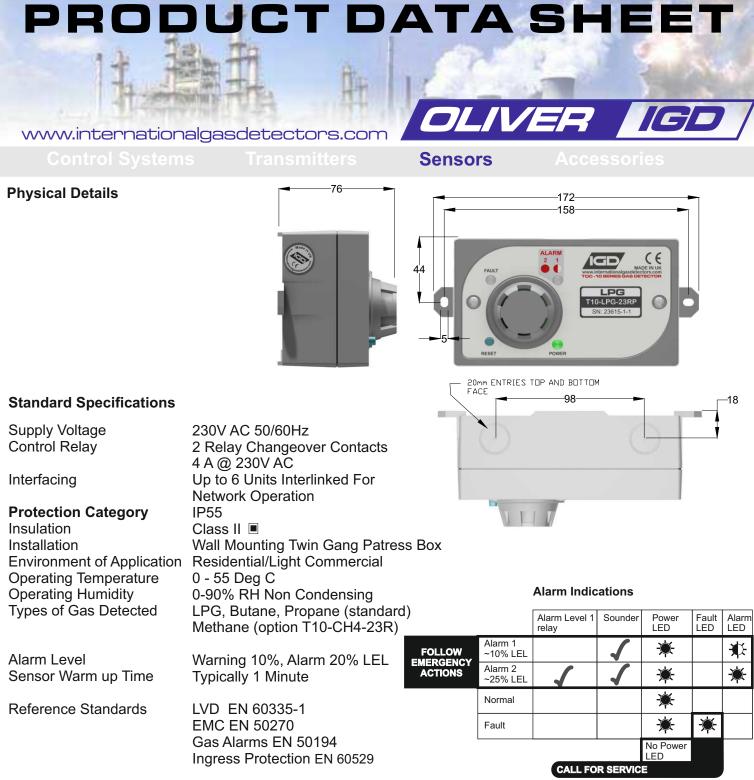


Triton House

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



FS646773 REF: TOC-10-LPG-23RP-V1.06



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)





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



detector damage, typically:

Silicones (furniture polishes)

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

> FS646773 REF: TOC-10-LPG-23RP-V1.06