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	<p>Catalytic gas detector with proportional 4-20mA output for zone 1 category 2            Operating pressure 80KPa...110KPa - Max. air velocity &lt;6m/s - Zero tracking and self-test - Plug-in calibration tool - Optional 3-relay board (to be mounted inside the casing) - Operating voltage 12V...24V DC - Max. consumption 130mA @ 12V - Die-cast aluminum casing - Dimensions (L x H x D) 130 x 155 x 90mm            ATEX EXD II2G, SIL1, EMC EN 50270:2011, EN 61000</p> <p>Detector with electrochemical cell            The same as the catalytic version but max. consumption 70mA @ 12V</p>								

**TFDG-EXD - CATALYTIC DETECTORS FOR FLAMMABLE GASES**

GAS	MODEL	ITEM NO.	GAS	MODEL	ITEM NO.
Butyl Acetate	TFDG-ADB EXD	TF10TFDGA DBEXD	Diethyl Ether	TFDG-ETE EXD	TF10TFDGETEEXD
Ethyl Acetate	TFDG-ADE EXD	TF10TFDGA DEEXD	Ethylene	TFDG-ETL EXD	TF10TFDGETLEXD
Vinyl Acetate	TFDG-ADV EXD	TF10TFDGA DVEEXD	LPG	TFDG-GPL EXD	TF10TFDGGPLEX
Acetylene	TFDG-ACL EXD	TF10TFDGA CLEXD	Hydrogen	TFDG-IDR EXD	TF10TFDGDIREX
Acetone	TFDG-ACT EXD	TF10TFDGA CTEXD	Iso Butane	TFDG-IBT EXD	TF10TFDGI BT EXD
Acetic Acid	TFDG-ACA EXD	TF10TFDGA CAEXD	Iso Pentane	TFDG-IPT EXD	TF10TFDGI PT EXD
Butyl Alcohol	TFDG-ALB EXD	TF10TFDGA LBEXD	Jet Propeller Fuel Type 8	TFDG-JP8 EXD	TF10TFDGP8EXD
Ethyl Alcohol	TFDG-AET EXD	TF10TFDGA ETEXD	Methane	TFDG-MET EXD	TF10TFDGMETEXD
Iso Butyl Alcohol	TFDG-AIB EXD	TF10TFDGA IBEXD	Methyl Ethyl Ketone	TFDG-MKT EXD	TF10TFDGMKTEXD
Iso Propyl Alcohol	TFDG-AIP EXD	TF10TFDGA IPEXD	Nonane	TFDG-NON EXD	TF10TFDGNONEXD
Propyl Alcohol	TFDG-APR EXD	TF10TFDGA PREXD	Ethylene Oxide	TFDG-ODE EXD	TF10TFDGO DEEXD
Ammonia	TFDG-AMC EXD	TF10TFDGA MCEXD	Pentane	TFDG-PTN EXD	TF10TFDGP TNEXD
Benzene	TFDG-BNZ EXD	TF10TFDGA BNZEXD	Propane	TFDG-PRP EXD	TF10TFDGP RP EXD
Butane	TFDG-BTN EXD	TF10TFDGA BTNEXD	Propylene	TFDG-PRL EXD	TF10TFDGP RL EXD
Cyclohexane	TFDG-CES EXD	TF10TFDGA CESEXD	Styrene	TFDG-STN EXD	TF10TFDGS TNEXD
Cyclopentane	TFDG-CPT EXD	TF10TFDGA CPT EXD	Toluene	TFDG-TOL EXD	TF10TFDGT OLEXD
Heptane	TFDG-EPT EXD	TF10TFDGA EPT EXD	Tri Methylbenzene	TFDG-TMB EXD	TF10TFDGT MBEXD
Hexane	TFDG-ESN EXD	TF10TFDGA SNEXD	Patrol Vapors	TFDG-VDB EXD	TF10TFDGV DBEXD
Ethane	TFDG-ETN EXD	TF10TFDGA TNEXD	Xylene	TFDG-XLN EXD	TF10TFDGL XNEXD

**TFDG-EXD - DETECTORS WITH ELECTROCHEMICAL CELL FOR TOXIC GASES**

Toxic Ammonia	TFDG-AMCT EXD	TF10TFDGA MCTEXD	Hydrogen Sulfide	TFDG-IDS EXD	TF10TFDGDIDSEXD
Sulfur Dioxide	TFDG-ADS EXD	TF10TFDGA DSEXD	Nitric Oxide	TFDG-MDA EXD	TF10TFDGM DAEXD
Nitrogen Dioxide	TFDG-BDA EXD	TF10TFDGA BDAEXD	Carbon Monoxide	TFDG-COE EXD	TF10TFDGC OEXD
Chlorine	TFDG-CLR EXD	TF10TFDGA CLREXD	Oxygen	TFDG-OXG EXD	TF10TFDGO XGEXD




<b>TFDG-PK</b>								
	<p>Catalytic gas detector with proportional 4-20mA output - Zero tracking and self-test - Plug-in calibration tool - Optional 3-relay board (to be mounted inside the casing) - Operating voltage 12V...24V DC - Max. consumption 90mA @ 12V - Operating temperature -10°C...+60°C - IP55 - Die-cast aluminum casing - Dimensions (L x H x D) 100 x 180 x 65mm</p> <p>Detector with electrochemical cell            The same as the catalytic version but max. consumption 40mA @ 12V</p>							

**TFDG-PK - CATALYTIC DETECTORS FOR FLAMMABLE GASES**

GAS	MODEL	ITEM NO.	GAS	MODEL	ITEM NO.
LPG	TFDG-GPL PK	TF10TFDGGPLPK	Patrol Vapors	TFDG-VDB PK	TF10TFDGV DBPK
Methane	TFDG-MET PK	TF10TFDGMETPK			

**TFDG-PK - DETECTORS WITH ELECTROCHEMICAL CELL FOR TOXIC GASES**

Nitrogen Dioxide	TFDG-BDA PK	TF10TFDGBDAPK	Carbon Monoxide	TFDG-COE PK	TF10TFDGC OEPK
Carbon Dioxide	TFDG-CO2 PK	TF10TFDGC O2PK			








<div>TFDG-EXN</div> <div></div>	<div>ZONE 2 CATEGORY 3</div>	<div>CATALYTIC DETECTOR</div>	<div>ELECTRO- CHEMICAL CELL</div>	<div>OUTPUTS 4-20mA and CONTACT</div>	<div>12V DC ÷ 24V DC</div>	<div>INDOORS OR OUTDOORS -20°+50°</div>	<div> ATEX IP55</div>	<div> ALUMINUM BOX</div>
	<div>Catalytic gas detector with proportional 4-20mA output for zone 2 category 3 Operating pressure 80KPa...110KPa - Max. air velocity &lt;6m/s - Zero tracking and self-test - Plug-in calibration tool - Optional 3-relay board (to be mounted inside the casing) - Operating voltage 12V...24V DC - Max. consumption 130mA @ 12V - Die-cast aluminum casing - Dimensions (L x H x D) 106 x 170 x 65mm ATEX EXN II3G, SIL1, EMC EN 50270:2011, EN 61000</div> <div>Detector with electrochemical cell The same as the catalytic version but max. consumption 70mA @ 12V</div>							

#### TFDG-EXD - CATALYTIC DETECTORS FOR FLAMMABLE GASES

GAS	MODEL	ITEM NO.	GAS	MODEL	ITEM NO.
Butane	TFDG-BTN EXN	TF10TFDGBTNEXN	Propane	TFDG-PRP EXN	TF10TFDGP RP EXN
LPG	TFDG-GPL EXN	TF10TFDGGPLEXN	Patrol Vapors	TFDG-VDB EXN	TF10TFDGVDBEXN
Methane	TFDG-MET EXN	TF10TFDGMETEXN			


#### TFDG-EXD - DETECTORS WITH ELECTROCHEMICAL CELL FOR TOXIC GASES

Toxic Ammonia	TFDG-AMC EXN	TF10TFDGMCEXN	Hydrogen Sulfide	TFDG-IDS EXN	TF10TFDGIDSEXN
Sulfur Dioxide	TFDG-ADS EXN	TF10TFDGDADSEXN	Nitric Oxide	TFDG-MDA EXN	TF10TFDGMDAEXN
Nitrogen Dioxide	TFDG-BDA EXN	TF10TFDGBDAEXN	Carbon Monoxide	TFDG-COE EXN	TF10TFDGC COE EXN
Chlorine	TFDG-CLR EXN	TF10TFDGC LREXN	Oxygen	TFDG-OXG EXN	TF10TFDGOXGEXN
Ethylene	TFDG-ETL EXN	TF10TFDGETLEXN			

TFDG-IP													
		<p>Catalytic gas detector with proportional 4-20mA output and 0%...30% LEL catalytic sensor High selectivity and resistance to unburned gases or vapors at industrial sites - Power supply 24V DC - Max. consumption 50mA @ 12V - Operating temperature -10°C...+50°C - Surface mounting on the wall at approx. 30cm height or on the ceiling - IP65 - Casing ABS V0 - Dimensions [L x H x D] 115 x 80 x 55mm EN 50270, CEI 216-5/3</p>											
		<p>TFDGR-MET IP The same as TFDG-IP but with proportional 4-20mA output and free changeover relay</p>											

#### TFDG-EXD - CATALYTIC DETECTORS FOR FLAMMABLE GASES

GAS	MODEL	ITEM NO.	GAS	MODEL	ITEM NO.
LPG	TFDG-GPL IP	TF10TFDGGPLIP	Methane	TFDG-MET IP	TF10TFDGMETIP
Hydrogen	TFDD-IDR IP	TF10TFDGIDRIP	Methane	TFDGR-MET IP	TF10TFDGRMETIP

<div>TFDG-IP</div> <div></div>	<div><div>CATALYTIC DETECTOR</div><div>ELECTRO- CHEMICAL CELL</div><div>OUTPUTS 4-20mA</div><div>10V DC ÷ 30V DC</div><div>INDOORS -10°+50°</div><div>IP55</div><div>ABS V0 BOX</div></div>							
	<div>TFDG-VDB IP</div> <div>Patrol vapors detector with proportional 4-20mA output and 0%...30% LEL catalytic sensor High selectivity and resistance to unburned gases or vapors at industrial sites - Operating voltage 10V...30V DC - Max. consumption 95mA @ 12V - Operating temperature -10°C...+50°C - Surface mounting on the wall at approx. 30cm height - IP55 - Casing ABS V0 - Dimensions (Ø x D) 96 x 59mm EN 50270, CEI 216/5-3</div>							
	<div>Item no. TF10TFDGVDBIP</div>							
	<div>TFDG-COE IP</div> <div>Carbon Monoxide detector with proportional 4-20mA output and 0ppm...300ppm electrochemical cell Little sensitive to interfering gases - High measurement precision - Stand-by consumption 4mA - Operating temperature -10°C...+50°C - Surface mounting on the wall at approx. 150cm height - IP55 - Casing ABS V0 - Dimensions (Ø x D) 96 x 59mm EN 50270</div>							
	<div>Item no. TF10TFDGC OE IP</div>							