

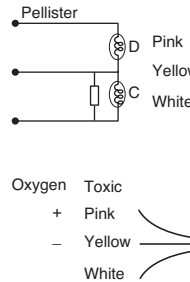
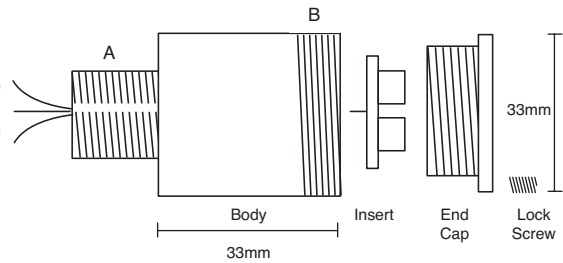
F1 GAS DETECTOR - HAZARDOUS AREA Product Information

CONDITIONS FOR SAFE USE:

- To maintain the certification, only manufacturers supplied replacement parts should be used.
- Caution - the installation of this product must be carried out by suitably trained and qualified personnel only. If in doubt please contact GDS Technologies Ltd. www.gds-technologies.co.uk
- This apparatus has been produced for use in a potentially explosive atmospheres. Before it is installed you must be aware of the requirements of IEC60079-0 2004, IEC60079-1 2003, IEC61241-0 2004, IEC61241-1 2004.

Special conditions of use -

- The unit will not be used as a safety related device. When installed, the F1 Gas Sensor shall be electrically bonded to earth. Mechanical and explosion protection shall be provided for the flying leads of the F1 Gas Sensor.
- Before removing the end cap disconnect the power to the sensor and wait 3 minutes - allowing for the sensor elements to cool.
- The sensor end cap must be fully screwed into the body and the lock screw firmly tightened.
- Maintenance - Inspection of the sinter disc is to be carried out at 6 monthly intervals to ensure it is clear and dust free.
- The apparatus shall be electrically bonded to earth, the sensor body mounting thread must be fully engaged into an appropriate junction box.
- A suitably certified junction box must be used with the F1 sensor.
- Insert replacement may be achieved by use of long nosed pliers.



001-031	CAT335C	2.5v/335mA	
001-061	THE300A	2v/300mA	
001-801	SS10	2v/175mA	
001-231	CAT335A	2.5v/335mA	
001-271	CAT335B	2.5v/335mA	
001-411	CAT100A	2v/100mA	
001-011	SEMIV5	5v/170mA	
001-301	CAT300A	2v/300mA	
001-171	CAT170A	2v/175mA	

- Type:** F1 Gas Sensor
Insert: Replaceable
Certification: ATEX Cert No. 03ATEX1176X
 EExd IIC T6 T85°C Tamb -20 to 35°C II2GD
 Ex T6 IIIC T85°C Db IP63
 IECEx Cert No. SIR 06.0016x
 Exd IIC T6 Gb
Protection: IP63 + water shield IP65
Threads: A - 20mm -1.5 pitch - options available
 B - 33.3mm -1.25 pitch
Weight: 165gms
Material: Stainless Steel 316 S16
Lock Screw: 3mm 1.5mm Allen key
Order Code: End Cap replacement 001-003

C765A
045D23C

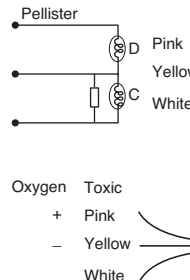
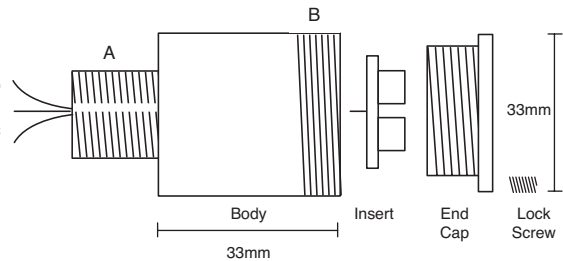
F1 GAS DETECTOR - HAZARDOUS AREA Product Information

CONDITIONS FOR SAFE USE:

- To maintain the certification, only manufacturers supplied replacement parts should be used.
- Caution - the installation of this product must be carried out by suitably trained and qualified personnel only. If in doubt please contact GDS Technologies Ltd. www.gds-technologies.co.uk
- This apparatus has been produced for use in a potentially explosive atmospheres. Before it is installed you must be aware of the requirements of IEC60079-0 2004, IEC60079-1 2003, IEC61241-0 2004, IEC61241-1 2004.

Special conditions of use -

- The unit will not be used as a safety related device. When installed, the F1 Gas Sensor shall be electrically bonded to earth. Mechanical and explosion protection shall be provided for the flying leads of the F1 Gas Sensor.
- Before removing the end cap disconnect the power to the sensor and wait 3 minutes - allowing for the sensor elements to cool.
- The sensor end cap must be fully screwed into the body and the lock screw firmly tightened.
- Maintenance - Inspection of the sinter disc is to be carried out at 6 monthly intervals to ensure it is clear and dust free.
- The apparatus shall be electrically bonded to earth, the sensor body mounting thread must be fully engaged into an appropriate junction box.
- A suitably certified junction box must be used with the F1 sensor.
- Insert replacement may be achieved by use of long nosed pliers.



001-031	CAT335C	2.5v/335mA	
001-061	THE300A	2v/300mA	
001-801	SS10	2v/175mA	
001-231	CAT335A	2.5v/335mA	
001-271	CAT335B	2.5v/335mA	
001-411	CAT100A	2v/100mA	
001-011	SEMIV5	5v/170mA	
001-301	CAT300A	2v/300mA	
001-171	CAT170A	2v/175mA	

- Type:** F1 Gas Sensor
Insert: Replaceable
Certification: ATEX Cert No. 03ATEX1176X
 EExd IIC T6 T85°C Tamb -20 to 35°C II2GD
 Ex T6 IIIC T85°C Db IP63
 IECEx Cert No. SIR 06.0016x
 Exd IIC T6 Gb
Protection: IP63 + water shield IP65
Threads: A - 20mm -1.5 pitch - options available
 B - 33.3mm -1.25 pitch
Weight: 165gms
Material: Stainless Steel 316 S16
Lock Screw: 3mm 1.5mm Allen key
Order Code: End Cap replacement 001-003

C765A
045D23C