

## XDI-F6win Hazardous Area Gas Detector

Remote Gas Detection offering local control and display

Specification Sheet ref C958

- Explosion proof
- Rugged and reliable
- Flexible output options
- Wide range of gas types / sensors
- 3 stage alarms
- Non intrusive adjustment magnets or potentiometers
- Back lit alpha numeric display
- Addressable or stand alone
- Hyper terminal communications / RS232 - live data and set up with 232 adapter
- Plug and play
- One man calibration
- Optional 2 alarm relays plus fault relay for local control functions
- Full data logging with combi alarm panel

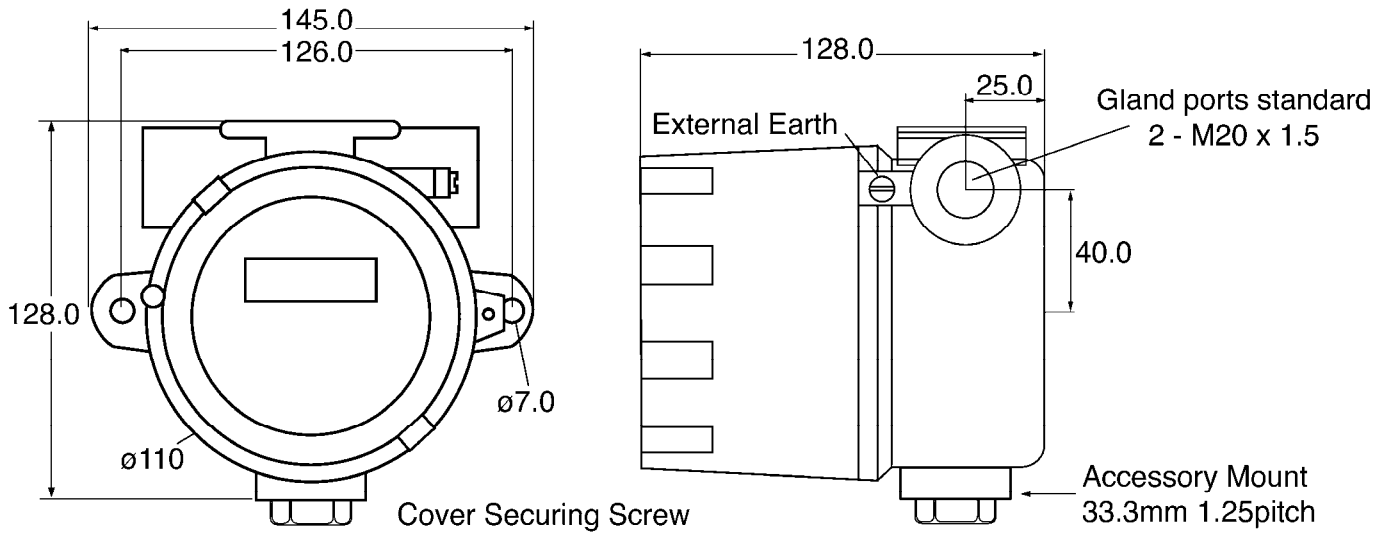


The XDI Gas Sensor is capable of utilising a wide range of sensor cell types offering an unmatched number of configurations allowing for a simple stand alone 4~20mA transmitter or a CAN bus address system enabling networking of up to 64 process sensors with a local diagnostics port which allows interrogation using a PC, network sensors may also provide individual independent 4~20mA outputs.

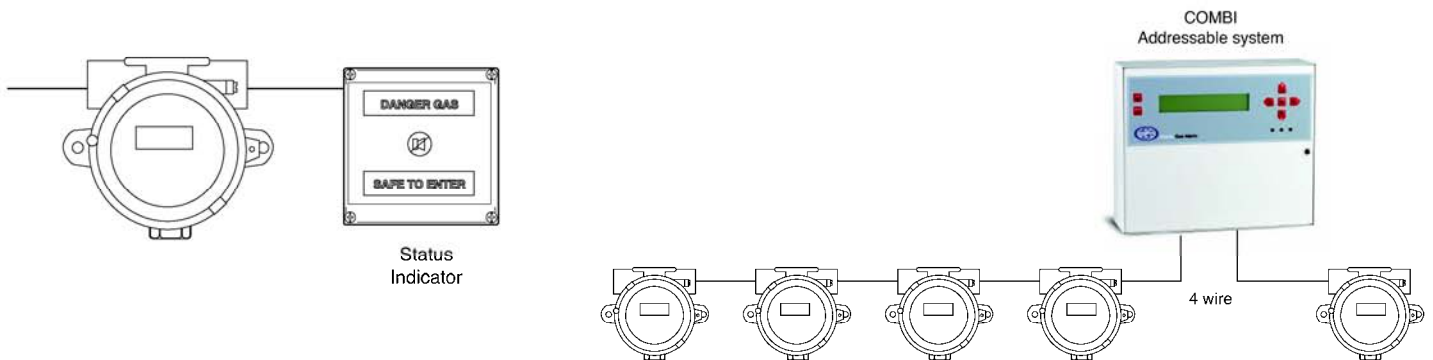
A sensor network when connected to a Combi alarm panel may be addressed and checked for alarm conditions and general sensor status providing a wide range of options for controls and indications.

### Technical Data

<b>Classification</b>	<ul style="list-style-type: none"> <li>• Housing Flameproof</li> <li>• EExd IIC T6</li> <li>• II2GD</li> <li>• Cert No FTZU-06ATEX0296X</li> </ul>	<ul style="list-style-type: none"> <li>• F1 sensor - flameproof</li> <li>• Exd IIC T6 Gb</li> <li>• Extb IIIC T85°C D6</li> <li>• Cert No SIRA 08ATEX1313X</li> <li>• Cert No SIR 08.0123X</li> </ul>
<b>Power Supply</b>	<ul style="list-style-type: none"> <li>• 15 to 30vDC</li> </ul>	
<b>Outputs</b>	<ul style="list-style-type: none"> <li>• 3 wire (4~20mA) 4 wire (Addressable)</li> <li>• Optional relays - Low alarm S.P.C.O 0.5A @30vDC</li> <li>High alarm S.P.C.O</li> <li>Fault alarm S.P.C.O</li> <li>Inhibit option during servicing</li> </ul>	
<b>Display</b>	<ul style="list-style-type: none"> <li>• 2 line alpha numeric back lit</li> </ul>	
<b>Indicators</b>	<ul style="list-style-type: none"> <li>• Alarm - Red LED + display status</li> <li>• Fault - Amber LED - (Flashing when in inhibit)</li> </ul>	
<b>Housing material</b>	<ul style="list-style-type: none"> <li>• Copper free aluminium alloy, optional stainless steel</li> </ul>	
<b>Finish</b>	<ul style="list-style-type: none"> <li>• Chemical resistant epoxy paint</li> <li>• Optional - Marine grade finish</li> </ul>	
<b>Ingress Protection</b>	<ul style="list-style-type: none"> <li>• IP63 + weather shield IP65</li> </ul>	
<b>Cable Entry</b>	<ul style="list-style-type: none"> <li>• 2 x M20 - 1.5 pitch - alternatives 25mm - ¼ NPT</li> </ul>	
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 1.6kg</li> </ul>	
<b>Temperature</b>	<ul style="list-style-type: none"> <li>• -10°C to +50°C</li> </ul>	
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• 0 to 99% RH non-condensing</li> </ul>	



System Configuration



Sensor Detail

**Sensor Type** Electrochemical, Catalytic  
**Gas Type** Flammable gases - LEL  
 Toxic gases - see [www.seagullssafety.com](http://www.seagullssafety.com)  
 Range - see [www.seagullssafety.com](http://www.seagullssafety.com)

Accessories

- 003-062 Collector Cone & Universal Fitting
- 003-060 Universal Fitting, (weather cone, test gas fitting)
- 003-063 Flow Block

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