

EN

Installation Manual

These instructions apply to the following models covered by approval certificate number TRAC11ATEX21301X:

Certification For Use In Potentially Explosive Atmosphere	
FP6 SWG-0028	400V AC 50Hz 3 Phase 2.5KW (-20°C to +60°C)
FP10 SWG-0034	400V AC 50Hz 3 Phase 5.6kW (-20°C to +60°C)

These models are approved for use in potentially explosive atmospheres according to the following classification:

  II 2 G c T1..T6 X

- The equipment is certified for use with flammable gases and vapours with apparatus groups IIA, IIB and IIC and with temperature class T1..T6 in the ambient temperature range stated and should not be used outside this range. Refer to the separately supplied manual for the classification of the motor.
- Installation shall be carried out by suitably-trained personnel in accordance with the applicable code of practice e.g. EN 60079-14:1997.
- Inspection and maintenance of this equipment shall be carried out by suitably-trained personnel in accordance with the applicable code of practice e.g. EN 60079-17.
- This equipment must be returned to Texecom Ltd for repair or replacement of parts.
- The enclosure has passed ingress protection test to a minimum of IP65.
- The certification of this equipment relies upon the following materials used in its construction: ALUMINIUM LM4 (SAND CAST) TO BS 1490

If the equipment is likely to come into contact with aggressive substances, then it is the responsibility of the user to take suitable precautions that prevent it from being adversely affected, thus ensuring that the type of protection provided by the equipment is not compromised.

Aggressive substances: e.g. acidic liquids or gases that may attack metals or solvents that may affect polymeric materials.

Suitable precautions: e.g. regular checks as part of routine inspections or establishing from the material's data sheets that it is resistant to specific chemicals.

General Design Standards

The standards to which the equipment has been designed are listed on the EC declaration of Conformity issued herewith

Installation

WARNING: - Failure to comply with these instructions may result in a breach of the Protection Concept.

- Fix siren to a firm level base at a minimum height of 3m above the ground and free of side or top obstructions.
- For best all round sound propagation mount the unit at a height of 4.5 to 6m with 50m clear radius all round.
- Refer to the separate motor manual for the motor classification and connection details. Ensure adequate fuse and overload/circuit-breaker protection is provided and the motor frame is connected to the supply earth
- It is the responsibility of the installer to select the correct equipment for the gas group involved.
- Cable entry temperature may exceed 70°C. Select an appropriate cable.
- Use only suitably certified cable entry glands.
- This equipment should only be connected to the supply voltage marked on the rating plate.
- WARNING:** The equipment should be protected from access by persons, animals or foreign bodies to avoid injury to persons or damage to equipment affecting safe use.
- WARNING:** This equipment contains rotating parts. Please ensure that the retaining straps on the rotor are left in place until the installation is complete and the equipment is ready to be tested for the first time.
- WARNING:** Keep well clear of the siren when it is running. Extremely high noise levels are produced. Unprotected exposure could lead to permanent hearing damage. Ensure appropriate hearing protection is used when working in close proximity to siren.

Maintenance

- The siren should be periodically tested for correct function. Typically this could be quarterly or every six months.
- Motor bearings are sealed and rated for a life of 25,000 hours. No maintenance is required
- It is the responsibility of the user to ensure that no modification is made to the equipment or the installation that may affect the protection concept.



The European directive "Waste Electrical and Electronic Equipment" (WEEE) aims to minimise the impact of electrical and electronic equipment waste on the environment and human health. To conform with this directive, electrical equipment marked with this symbol must not be disposed of in European public disposal systems. European users of electrical equipment must now return end-of-life equipment for disposal. Further information can be found on the following website: <http://www.recyclethis.info/>.