

**Important !!!** This manual is intended for a component certified enclosure.  
If the enclosure is completed with electrical equipment the unit must be certified according to the ATEX or IEC standards by a notified body or a certification body.

**Marking** An Ex-certification label is attached to the enclosure.  
Refer to Fig 1.

**Handling** Due to the weight and nature of the enclosures precautions have to be taken to avoid damages to the equipment and the individual. The Exd enclosure flamepaths must be securely protected to avoid damage.

**Installation/ Dismantling** Enclosure is approved for mounting in zone 1 / 21 areas.  
When mounting the enclosure ensure that the mounting support is able to take the full weight of the enclosure. If any twisting or bending of the enclosed bracket is likely, use washers or packing plates as necessary between the mounting support and the bracket before the screws or nuts are tightened.  
The enclosure will be fixed to the bracket by using 2 ea M6 screws.  
When connecting cables, ensure the incoming cables/wires are isolated from power sources.  
Ensure that the glands used are securely tighten and that they are approved according to ATEX / IECEx. Thereafter connect the internal (alt. external ) earth connections.  
Tighten the compression nut on the gland(s) used. All other openings to be blinded using an Ex ( ATEX / IECEx ) approved blind plug.  
When removing the enclosure, the same precautions apply as those observed when mounting the enclosure.

**Inspection / Maintenance** TNXCD enclosures is made of acid resistant stainless steel and thereof not subject to corrosion. We recommend that maintenance is performed in accordance with the EN / IEC 60079-17, EN / IEC 60079-1 standards.  
If the enclosure needs to be opened, proceed as follow :

1. Disconnect the power source
2. Unscrew the external fixing screw on the exd part
3. Clean and inspect the threads ( flamepath ) on the bottom part and inside the tube.
4. Inspect the o-ring on the bottom part, we recommend that this o-ring is replaced upon every opening of the enclosure, note new o-ring to be purchased by Bartec-Technor.
5. Before assembly the o-ring and threads to be protected with copper grease or other approved greases.
6. Connect the tube on to the bottom part and assure that the unbrako fixing screw is firmly tightened.

If any damages is found, the enclosure should be put out of service and the manufacture contacted.

Fig.1

