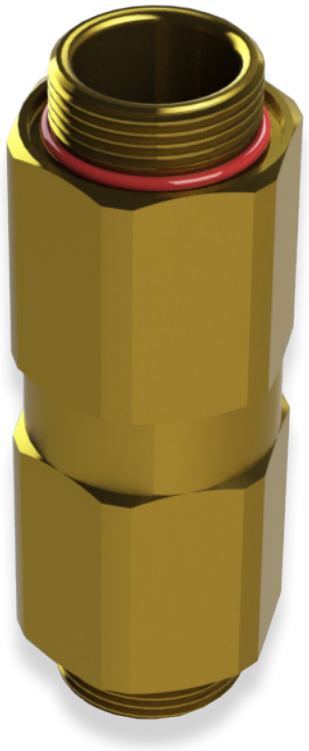
TRANBERG®

SPACER
TEF 665 SPACER
ZONE 1 , ZONE 2 & SAFE AREA
USER MANUAL

Subject to change without prior notice TUM4515 REV. C 23.11.2017

IMPORTANT

Read this instruction carefully before installing the product



STAHL TRANBERG

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TEF 665 Ex e IECEx SPACER USER MANUAL

INTRODUCTION

Thank you for purchasing this product!
For installation, maintenance and assurance of a long life of this product, please follow this manual.

APPLICATIONS

Outdoor or indoor use in marine, offshore and industry environment. This product is used for connecting two Ex e enclosures, allowing routing wires between the enclosures.

CONTENT IN BOX

The product is fully assembled, and ready for installation.

MAINTENANCE INSTRUCTIONS

The product should be inspected according to Company routines.
The spacer must be specifically evaluated as regards of pressure piling effects with the apparatus for the conditions of use.

TOOLS REQUIRED

Wrench according to size of across flat on the spacer.

SAFETY PRECAUTIONS

Note that changes made to the product and/or installation of components which do not conform to the approval, may be a safety violation. The manufacturer will in no circumstance be held responsible for such activity.

For your health and safety, always use safety gear suited for the task. Be certain to follow codes, regulations and/or specific procedures that are related to the installation.

To ensure IP66/67, make sure that the O-ring seal is in good contact with the enclosure wall. There shall be no gap between the spacer and the enclosure wall.

To ensure this, we recommend a chamfer of the threads in any threaded enclosure of 1 - 1,5mm x 45°.

If the chamfer is too small, the insertion of the spacer may be difficult or impossible, and if the chamfer is too big, the O-ring seal may not seal properly with the enclosure wall.

It is the installer's responsibility to verify that the seal is sufficient for both clearance holes and threaded holes.

APPROVALS

ATEX and IECEx

INSTALLATION INSTRUCTIONS

- **For spacer with O-ring seal:**
  Check that the O-ring is fixed into the recessed slot. Screw the nut fully into the threads. Tighten the spacer using a wrench/spanner, ref. table 1.

- Both enclosures/compartments has to be fixed to structure. The spacer can not be used as structural support for the enclosure.

Tightening torque Gland body and lock nut (if applicable):	Gland size	Torque (Nm)
	M25	25
	M32	32
	M40	40
	M50	50

Table 1

TEF 665 Ex e IECEx SPACER USER MANUAL

TECHNICAL DATA

Ex-protection :	Ⓔx II 2 G Ex eb II C
Ingress protection (IEC 60529):	IP66/67
Service temperature	-60°C to +135°C
Certificates:	NEMKO 13AETX1553X IECEx NEM 13.0025X
Complying standard:	EN 60079-0 EN 60079-7 IEC 60079-0 IEC 60079-7
Entry seal:	O-ring
Thread length:	9mm / 15mm
Material:	Body: Brass or stainless steel AISI 316/EN 1.4401 Sealing: Silicone O-ring or PTFE gasket

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