

# SLIP RINGS WITH FIBRE OPTIC OPTION FOR USE IN WIRELINE APPLICATIONS

Trox Engineering design and manufacture Slip Rings for use in a range of applications including Wireline and Logging.

We have over 30 years of experience designing and manufacturing electro-mechanical rotating machinery. Our Slip Rings are fitted to the axle of a CT or wireline reel, effectively connecting the collector bulkhead through the rotating reel core to the data acquisition equipment, providing electrical continuity.

Our Slip Rings can also incorporate Fibre Optic Rotary Joints, single or multi-pass, with low insertion loss <5dB (typically 2-3dB); the combination of which allows electrical, power and signal transfer through a rotational joint.



## FIBRE OPTIC ROTARY JOINTS - SINGLE OR MULTI-MODE OPTIONS

- Low insertion loss
- EMI/RFI Immunity
- No EMI/RFI radiation
- No cross talk
- Wide signal bandwidth
- IP66 Stainless Steel Enclosure



## SLIP RING - TX4700 SERIES

- Explosion Protected Group IIB Zone 1
- Ex d IP66 Enclosure
- Compact Robust Housing
- Cast aluminium housing for rugged environments
- Up to 24 x 6 Amp Rings
- Available with Trolex Multi-Pin Connectors



## SLIP RING - TX4705/6 SERIES

- Explosion Protected Group IIB Zone 1
- Ex d IP66 Enclosure, 316 Stainless Steel Housing
- Up to 36 rings
- Drive and mounting arrangements to suit various applications
- Terminals for connection by installer or flying leads on axis exits
- Available with customer gland entries at 90° off-axis



## SLIP RING - TX4740 SERIES

- Explosion Protected Group IIB Zone 1
- Ex d IP66
- Stainless Steel Enclosure
- Fibre Optic Rotary Joint Option
- Up to 136 rings
- Up to 4200V ac

For further information, visit our website, [www.troxengineering.co.uk](http://www.troxengineering.co.uk), or call our technical support team on +44 (0) 161 456 6545

WIRELINE SLIP RINGS  
WITH FIBRE OPTIC

WEATHER  
PROTECTED

IEC  
EX  
CERTIFIED

ATEX  
Directive 94/9/EC  
COMPLIANT