

optical fibre transmitter

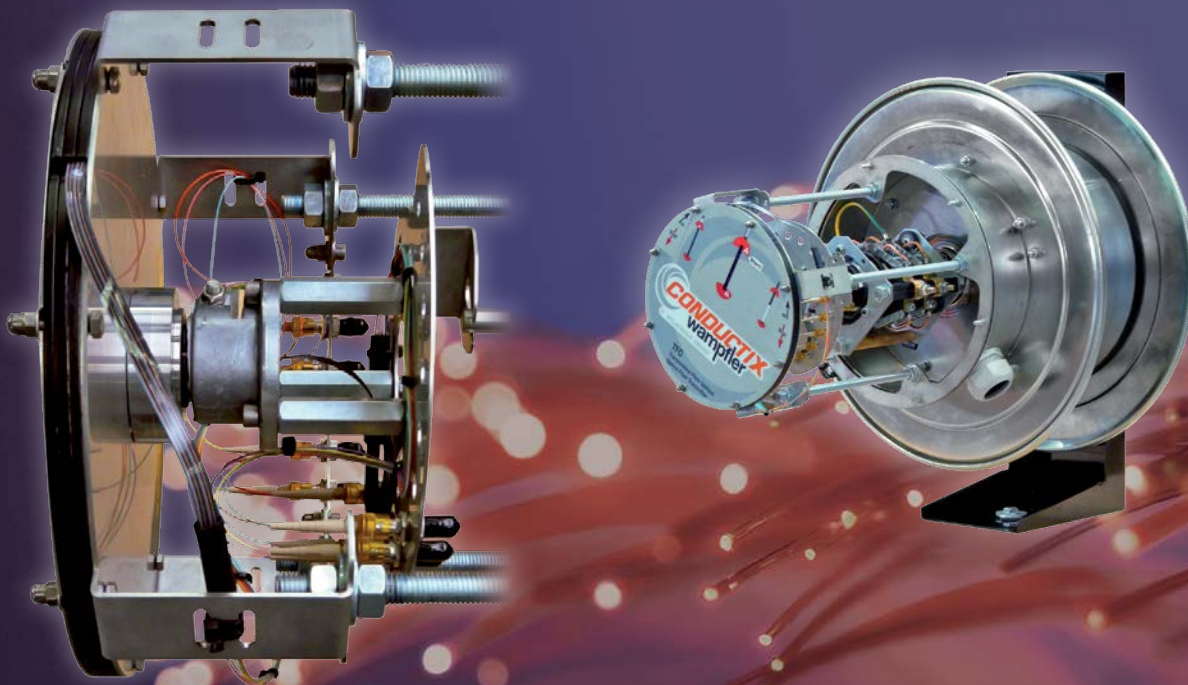
Compact TFO for EXEL



Thanks to its long experience in the power and data transfer applications, CONDUCTIX-WAMPFLER offers economic solutions to optimise the efficiency of your stage equipment.

The compact-designed new optical fibre transmitter, from now on adaptable to our EXEL spring cable reels:

- integrates the evolutions of composite cables (power conductors + optical fibres)
- increases the quality and the speed of data signal transmission
- is fully compatible with Ethernet, DMX 512 protocol, microphones, and video signals.



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optical fibre transmitter

Compact TFO for EXEL

The compact version of the new TFO enables its installation into the automatic spring cable reels of the EXEL range .

Description | Range of use

- Optical fibres: single-mode (9 / 125) or multimode (50 / 125 or 62.5 / 125).
 - Number of optical fibres: 6, 12, 18, and 24
 - Number of turns: 40, 80, and 120
 - Attenuation:
 - single-mode: < 1.5 dB
 - multimode: < 1 dB
 - Connexions on both fixed part and swivelling
- part by 'ST' plugs ('FC' on request).
 - External ambient temperature: +10 up to +60°C
 - Speed of rotation:
 - TFO 40 & TFO 80: 90 tr/min max
 - TFO 120: 30 tr/min max
 - Service life: 70,000 cycles **
 - Installation on models EXEL 3 to EXEL 6.

** Cycle = full unwinding + full winding

Construction

- One-piece assembly mounted at the end of the slip ring block or directly onto the shaft of the reel .
- Assembly covered with a Ø 300 mm hood, extra length 200 mm approx.
- Easy access to the fully-protected connexion place between the slip ring assembly and the transmitter.

