



Nexans art.nr.: 10202600

EI.nr.: 6951380

GTIN: 3444360178745

WTC05 equipped with 1 splice cassette 12 OF, 1 tightness kit and clamping system for 3 cables from 5 to 8 mm

### STANDARDER

**Produkt** Nexans specification

**Nasjonal** CSE C 69-31; CSE C 69-32; FT/FTRD/7095; FT/FTRD/7097

### Watertight Closure for Fibre Optic Cables

- 2 Cable ports,
- Re-enterable, fully mechanical watertight system,
- IP68 and pressurizable,
- Capacity : 4 splice trays, 48 splices,
- Multi-cable sealing system (up to 12 cables per port).

#### Cabling configuration :

- 1 Standard port per side, each allowing up to 12 cables.

#### Splice management :

Four plastic splice trays allows to store and identify up to 48 Heat-Shrink splices. Plastic combs for buffer tubes and pig-tails retention are moulded in each tray.

#### Grounding :

- Standard grounding assures electrical continuity between all cable ports (individual cable grounding is also available)

#### Cable anchoring :

- WTC05 is compatible with the Nexans cable clamp range. 3 points cable clamps for extremely high cable retention, or simplified 1 point anchoring systems are available.

All configurations are modular and allow easy upgrades.

#### The main functions are :

- to protect splices and bare fibers from the environment and unwanted handlers,
- to efficiently and easily store, manage and identify FO splices and fibers.

### Conception

#### Sealing system :

- Fully mechanical sealing system for reduced installation and re-entry time.

The top shell, sealed with a gasket, can be easily installed and removed without special tools or torque control.

- Cable sealing devices based on a mechanical compression system : this allows to re-use all components for future upgrades or re-access to the closure.

(No tape, glue, heat-shrink tubes, or cable jacket preparation is needed).

## PRODUCT USAGE

### Sealing system

- Fully mechanical sealing system for reduced installation and re-entry time.  
The top shell, sealed with a gasket, can be easily installed and removed without special tools or torque control.
- Cable sealing devices based on a mechanical compression system: this allows to re-use all components for future upgrades or re-access to the closure. (No tape, glue, heat-shrink tubes, or cable jacket preparation is needed).  
The mechanical sealing system perfectly fits cables blowing technology.

### Grounding

Standard grounding assures electrical continuity between all cable ports (an external grounding plug is also available).

### Splice management

Four plastic splice trays allows to store and identify up to 48 Heat-Shrink splices. Plastic combs for buffer tubes and pigtails retention are integrated in each tray.

### Cabling clamping

WTC0,5 is compatible with the Nexans clamping device range which includes 3 points cable clamps for extremely high cable retention, or simplified 1 point anchoring systems for cables and tubes.

## CHARACTERISTICS

<b>Material</b>	<b>External:</b> Thermoplastic closure shell ; Stainless Steel screws <b>Internal:</b> Polycarbonate splice trays (V0 - 1.5mm); Zamac or Stainless Steel cable clamp; Stainless Steel trays chassis
<b>Splice capacity</b>	<ul style="list-style-type: none"> <li>• Up to 48 Heat-Shrink splices</li> <li>• 4 Splice trays including moulded plastic combs for buffer tubes and pigtails</li> </ul>
<b>Cable ports</b>	See the Sealing product range datasheet for the number and diameter of cable
<b>Cabling configurations</b>	Straight splicing
<b>Sealing system</b>	<b>Top shell:</b> mechanical sealing (6 Stainless Steel screws – no torque control) <b>Cable ports:</b> WTC mechanical sealing system (elastomer compression)
<b>Grounding</b>	<ul style="list-style-type: none"> <li>• Grounding of all metal components inside the closure.</li> <li>• External grounding plug for hearth connection.</li> </ul>
<b>Dimensions</b>	L: 342mm ; L': 398mm ; W: 110mm ; H: 121.5mm ; I: 245.9mm

