



## PTC SNAP-LOCK JOINTING ENCLOSURE

### SNAP-LOCK JOINTING ENCLOSURE MADE OF TRANSPARENT POLYCARBONATE

SWARCO TRAFFIC SYSTEMS GMBH is a member of the internationally active SWARCO group, the one-stop shop for road markings, signage, signalisation and traffic management – your reliable partner for traffic solutions.

The PTC snap-lock jointing enclosure is a revolutionary system for the easy, clean and quick connection of different cables and wires. Exemplary for the application fields is the connection of inductive loops with a feeder cable.

The enclosure is made of transparent polycarbonate which allows the internal visual inspection of the connections from the outside. The innovative locking and sealing mechanism guarantees the repeated entry and closure of the jointing enclosure for maintenance and examination means. To do so, no tools are necessary. This built-up allows exchanging the connection cables without cable loss and without additional costs. For the protection against manipulation, the locking mechanism can be sealed with a lead seal.

Since no resin or gel is needed for sealing, the enclosure can be used directly immediately. There are no waiting or hardening times. Additionally, the PTC reusable jointing enclosure has an unlimited shelf life.

#### TYPICAL APPLICATIONS:

- Water proof connection for cables
- Connection of inductive loops with feeder cables

#### ADVANTAGES:

- Easy and quick handling without additional devices or specialist tools
- Suited for fibre optic cable, aluminium cable and copper cable / wires
- Later examination and disruption of the connection possible without effort and costs
- Resistant against environmental conditions (Polycarbonate)
- Sealing to protect against unauthorised opening
- Standard models with two, three or four screws
- Standard seals and bungs for several cables and different diameters

#### FEATURES:

- Transparent polycarbonate
- UV-stable, therefore suited for outdoor usage
- No oxidation: Metal parts (thread only) made of brass
- No environmentally harmful material used
- Water and dust proof: protection class IP68
- Suited for single and multi-core cables



**PTC SNAP-LOCK JOINTING ENCLOSURE**

The PTC snap-lock reusable jointing enclosure is available in three standard models for a multitude of applications.

Standard models	PTC M2	PTC M3	PTC M4
Temperature range	-40°C to +60°C		
Protection class	IP 68		
Enclosure	water and dust proof polycarbonate, transparent		
Dimensions (height x width) incl. locking mechanism	approx. 155 mm x 142 mm	approx. 185 mm x 142 mm	approx. 150 mm x 175 mm
Number / size of screws	2 x M25	3 x M25	4 x M25
Weight	approx. 355 gr.	approx. 375 gr.	approx. 575 gr.

For an optimum sealing we recommend longitudinally watertight cable with the according single and multiple seals.

Single seals		Multiple seals		Special seals for inductive loops
PTC 1x16	PTC 1x13	PTC 2x7	PTC 4x7	PTC 8x2_5
one hole 16 mm inner diameter	one hole 13 mm inner diameter	two holes 7mm inner diameter	four holes 7 mm inner diameter	eight holes 2.5 mm inner diameter and 6 bungs for unused holes

**ADVANTAGES COMPARED TO CUSTOMARY JOINTING ENCLOSURES:**

- Quick handling saves 50 percent of time
- No waiting times; ready for operation directly after mounting
- No resin or gel required
- Unlimited shelf life
- Visual internal inspection of the terminals (transparent)
- Repeated uncomplicated entry and closure
- No loss of cable when renewing feeder cable
- Repeatedly reusable
- Higher profitability



**SWARCO TRAFFIC SYSTEMS GMBH**

SWARCO TRAFFIC SYSTEMS GMBH is one of the leading suppliers of intelligent traffic systems in Germany. Building on many decades of experience, it offers a wide range of innovative solutions for urban and interurban traffic management, including parking and traffic detection. Its nationwide service and maintenance network guarantees highest possible system availability and improved road safety. With economical, sustainable, and environmentally friendly technologies we help ensure smooth and safe traffic flows.