

PRO TWIST BASIC

Twisting of single strands -
now also available with the latest
pneumatic tension force and strain relief



A

B



- Twisting of two insulated, crimped, single cables - or single cables with already assembled seals
- Special, customer specific solutions available (e.g. special housing)
- Quick and effortless adjustment for various cable cross-sections - no tools required
- Keypad and display allow the easy handling/adjustment of equipment, incl. counter
- 99 product-specific configurations programmable, incl. the adjustable amount of revolutions (forward-/ reverse-operation)
- High flexibility through modular design for different applications

Options:

- Tension carriage for standard length up to 2,5 m (98.43 in.)
- Tension carriage for cable length up to 5 m (196.85 in.) - (PRO Twist Basic A)
- Cable guidance for cable length greater than 2 m (78.74 in.)
- Different clamping devices for various insulation-material(s)

Available Equipment:

- **PRO Twist Basic A**
Tension force through spring force
- **PRO Twist Basic B**
Pneumatic tension force and strain relief

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Latest innovations and their exceptional advantages: Pneumatic tension force and strain relief: The PRO Twist Basic can be delivered with the well known spring tension carriage - as introduced in PRO.EFF's Standard Twister in the past, or the pneumatic tension force and strain relief carriage. The advantage of the pneumatic tension force and strain relief carriage is that the strands are not exposed to the usual experienced tension force during the loading/unloading process. Therefore, no damages to strands or crimping contacts will occur. Further on, the adjustable tension force (required tension force during the process) will only be applied once the process was started. With this latest innovation it is now possible to apply a similar tension force control - as introduced with the PRO Twist 1000.

Twisting head: The twisting head is constructed allowing the quick adjustment to various cable cross-sections and open-end strands, without the usage of any tools. Possible damages on delicate insulations are avoided with the implementation of the latest flat-clamping device - available with different coated connecting clamps.

Integration retaining belt on motor side: The latest integrated retaining belt avoids the unintentional twisting of the twisting head during the loading/unloading process and therefore simplifies this process for the operator. This approach results in a more ergonomic operation, but also a reduced cycle time.

Technical data:

Cross sectional area	0,13 mm ² - 2,5 mm ² , von 26 - 13 AWG
Quantity of cable strands	2 (more up on request)
Max. cable length (before twist)	2500 mm (optional 5000mm) (98.43 in. (optional 196.85 in.))
Min. cable length (before twist)	340 mm (13.39 in.)
Special solution - reduceable to approx.	ca. 100 mm (3.94 in.)
Max. length open cable end (not twisted)	120 mm (4.72 in.)
Min. length open cable end (not twisted)	60 mm (2.36 in.)
Revolutions/min.	100 - 1000 (programmable)
Quantity of revolutions	1 - 999 (programmable)
Electrical connection	1 P/N/PE AC 110 - 240 V, 50/60 Hz, 100 W
Temperature	+5°C - +40°C (+41F to + 104 F)
Dimension driving side (LxWxH)	645 mm x 160 mm x 160 mm (25.39 x 6.30 x 6.30)
Dimension tension carriage (LxWxH) • Spring force - standard • Spring force - for length up to 5 m (196.85 in.) • Pneumatic - standard	550 mm x 60 mm x 130 mm (21.65 x 2.36 x 5.12 in.) 1350 mm x 160 mm x 100 mm (53.15 x 6.30 x 3.94 in.) 630 mm x 165 mm x 180 mm (24.80 x 6.50 x 7.09 in.)
Weight tension side • Spring force - standard • Spring force - for length up to 5 m (196.85 in.) • Pneumatic - standard	3,7 kg (8.16 lb.) 16,5 kg (36.38 lb.) 7,5 kg (16.5 lb.)
Weight driving side	11,00 kg (24.25 lb.)
CE Conformity/EG-Community Directive/ EMV-Standards	