



400TR/800TR/800TR-A EUROMOLD® Test rod for cable testing, EPDM

## STANDARDS

**Test** CENELEC HD 629.1

## DESCRIPTION

### Application

The test rod can be used as galvanic contact to the conductor for cable fault location, cable testing, phasing checks etc. The test lead may be connected by cable lug or insulated test pins.

### Technical characteristics

Use 400TR for the following connector types:

- Tee connector 400TE
- Tee connector 400TB/G
- Tee connector 440TB/G
- Coupling connector 440PB/G
- Compact tee connector 430TB/G
- Coupling connector 300PB/G

Use 800TR for the following connector types:

- Compact tee connector 480TB/G, 484TB/G and 489TB/G
- Coupling connector 800PB/G, 804PBG and 809PB/G

### Installation

The test rod is screwed into the connector instead of the basic insulating plug. Then the test lead is connected to the threaded stem and the insulating shroud moved to its final position.

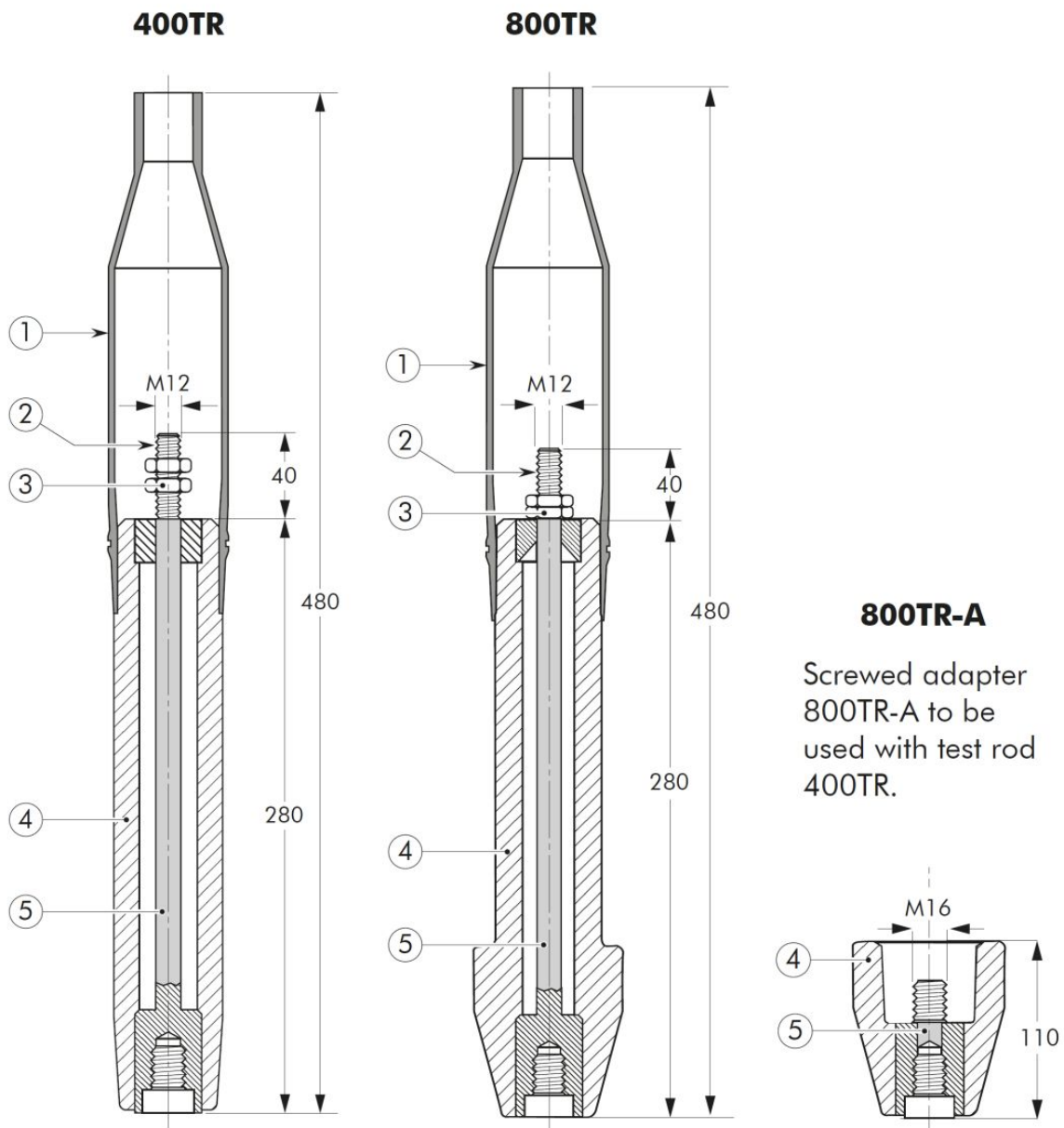
### Ordering instructions

Simply specify test rod 400TR, 800TR or screwed adapter 800TR-A

## CONTACT

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## DRAWING 800TR



## DESIGN 800TR

1. Conductive EPDM insulating shroud
2. Threaded rod for test connection
3. M12 nuts for connecting the test lead
4. Insulation
5. Copper test rod stem

Screwed adapter 800TR-A to be used with test rod 400TR.

## SELECTION TABLE 800TR

Test rod type	Maximum AC test voltage (50 Hz - 1 min)	Maximum DC test voltage (8 x U <sub>0</sub> - 30 min)	Impulse voltage (1.2 x 50 μs) min	Ordering part number
400TR	36 kV	96 kV	95 kV	70126
800TR	36 kV	96 kV	95 kV	85830
800TR-A	36 kV	96 kV	95 kV	87493

### TECHNICAL INSTRUCTIONS AND APPLICATION INFORMATION (ACCESSORIES)

The data given were determined diligently, but do not release our customers of the duty to carry out tests themselves in order to check the suitability of the products delivered by us for the intended use. We reserve the right to modify characteristic and performance data according to the present state of technology. Processing and use of the products cannot be controlled by us and are therefore exclusively in your field of responsibility.

Our products meet the VDE standards respectively correspond to DIN pages and IEC recommendations.

Attention: Before first design in please contact manufacturer.

The products, described in this catalogue, are designed for connection of bare energy cable conductors (Class 1 & 2) with description of round solid (RE), round stranded (RM), as well as sector solid (SE), sector stranded (SM) and round stranded compacted (RMV) for conductor temperatures up to 90 °C. All conductor filling materials like tapes, yarn, powder or similar need to be completely removed before the installation. A check on basis of the actual existing conductor dimensions by the user is indispensable. This applies also for the application of Class 6 conductors or other special conductor types.

Impact wrenches have to be approved by Nexans! Depending on different conductor material or conductor type, indicated values may differ from test values acc. to IEC 61238-1. The use of fine stranded conductors has to be approved by Nexans Power Accessories Germany GmbH.

Our responsibilities are only those listed in the latest edition of "General terms and conditions for the supply of products and services of the electrical and electronics industry". We can provide a copy on request.

Our products are mainly delivered in cartons. We only use package materials able to be recycled due to the latest packing system. Collapsible cardboard boxes are not taken back. Please try to order complete standard packages.

Reprinting, even partial, only with special allowance. We reserve the right to alter or modify the characteristics described. Illustrations and drawings may only show a close reflection and are not decisive. The weights are approximate and include the carton package. This catalogue substitutes all former editions. Types or versions not part of the catalogue are available on request.

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