

CAUTION : Read instructions thoroughly and completely prior to beginning installation.

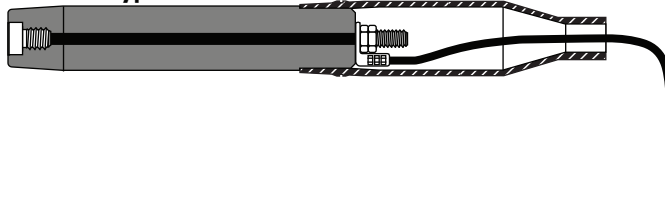
Installation instructions for testrod

400TR/800TR

Testrod for DC and AC voltage testing to be used with connectors type
400TB, 440TB, 440PB, 430TB, 300PB
and 480TB, 484TB, 489TB, 800PB, 804PB, 809PB

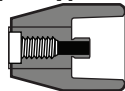
For connectors type 400TB, 440TB, 440PB, 430TB and 300PB use testrod 400TR.

Testrod type: 400 TR

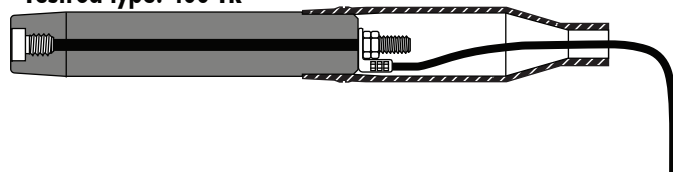


**For connectors type 48XTB and 80XPB, use testrod 400TR + adaptor 800TRA.
As alternative testrod 800TR can be used.**

Adaptor type: 800 TRA

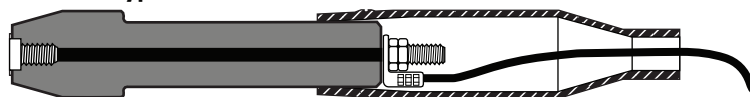


Testrod type: 400 TR



Clean and lubricate the interface of testrod 400TR and adaptor 800TRA. Hand tighten them together.

Testrod type: 800 TR





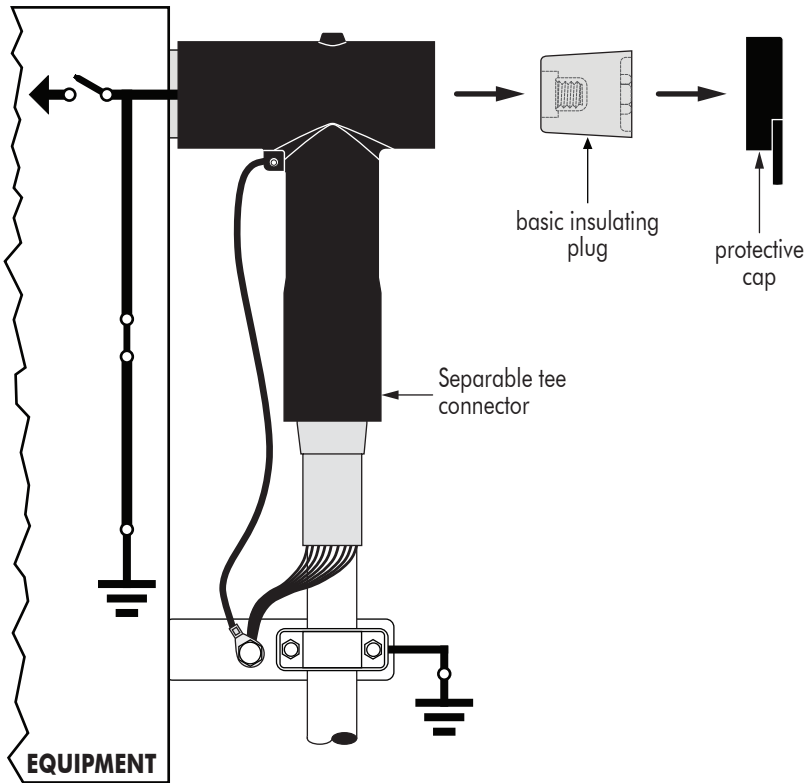
*** USE ONLY THE SILICONE LUBRICANT SUPPLIED**

Nexans

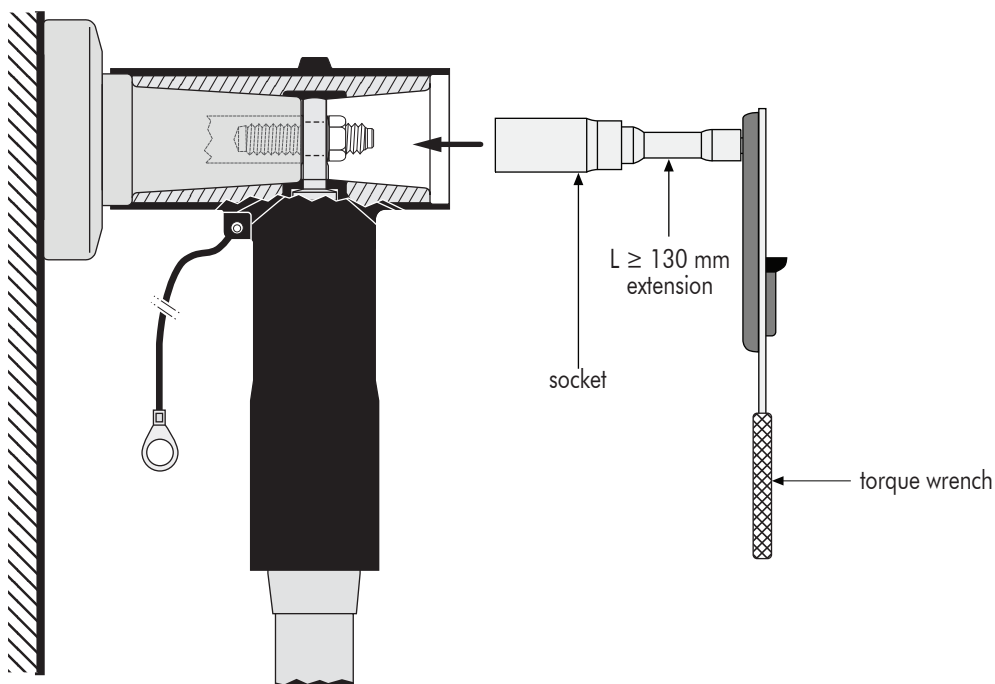
This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices. These instructions do not attempt to provide for every possible contingency. Failure to follow these instructions could result in damage to the product and serious or fatal injury. **IMPORTANT** : Cable and associated apparatus must be de-energised, locked out, and tagged prior to product installation.

The pictures show a connector of type 430TB, the procedure is valid for all above mentioned connector types.

Connectors type 48XTB and 80XPB can be recognised by the shape of the short interface,  opposed to  for 400/430/440TB and 440/300PB.

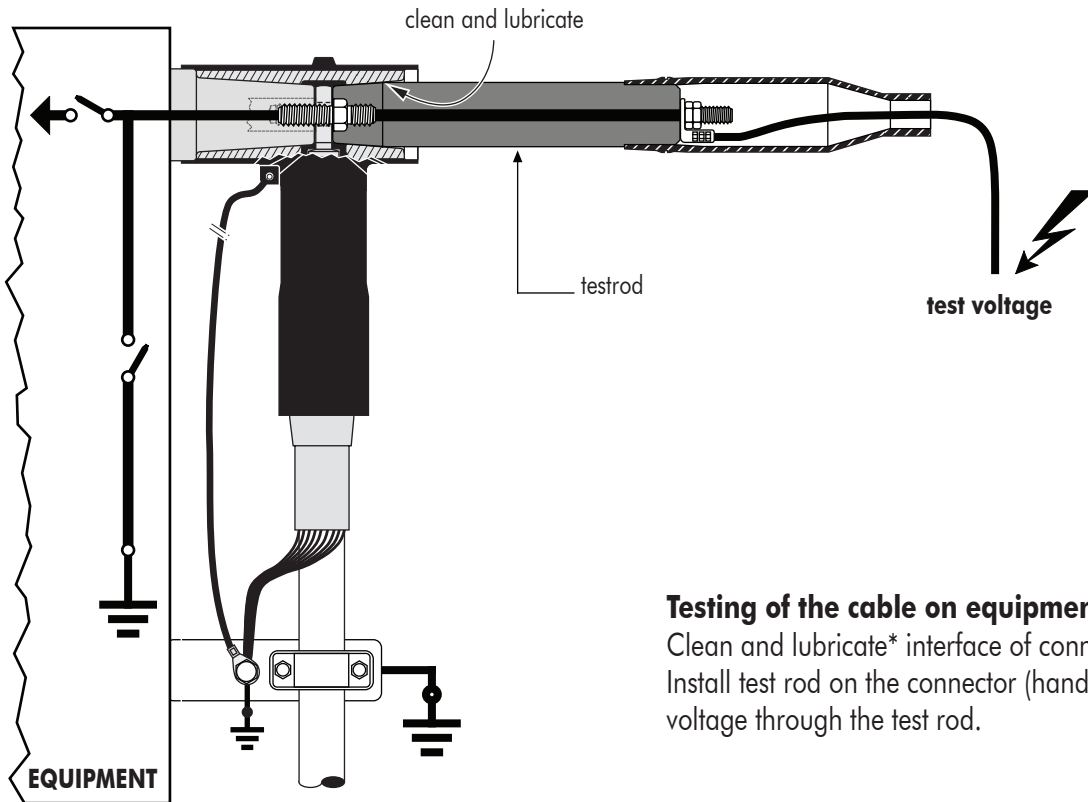


Make sure the system is de-energized and grounded. Remove the cap and the basic insulating plug and keep it protected against damage and contamination.



Retighten the screw to **50 Nm**.

*** USE ONLY THE SILICONE LUBRICANT SUPPLIED**

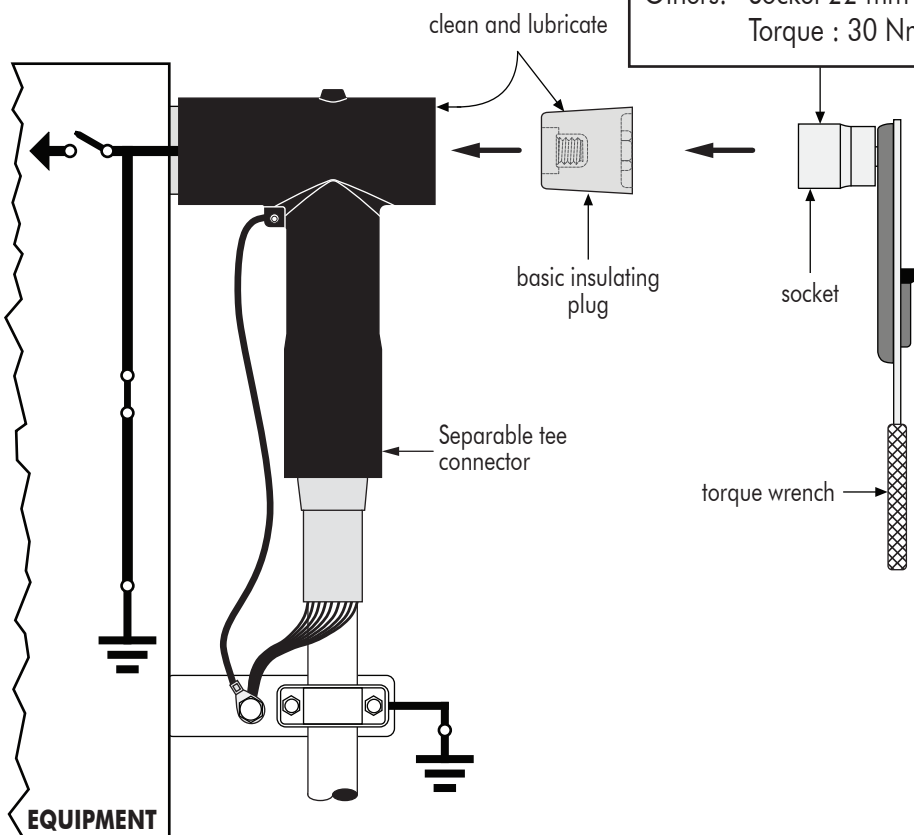


Testing of the cable on equipment:

Clean and lubricate* interface of connector and test rod. Install test rod on the connector (hand tighten) and inject voltage through the test rod.

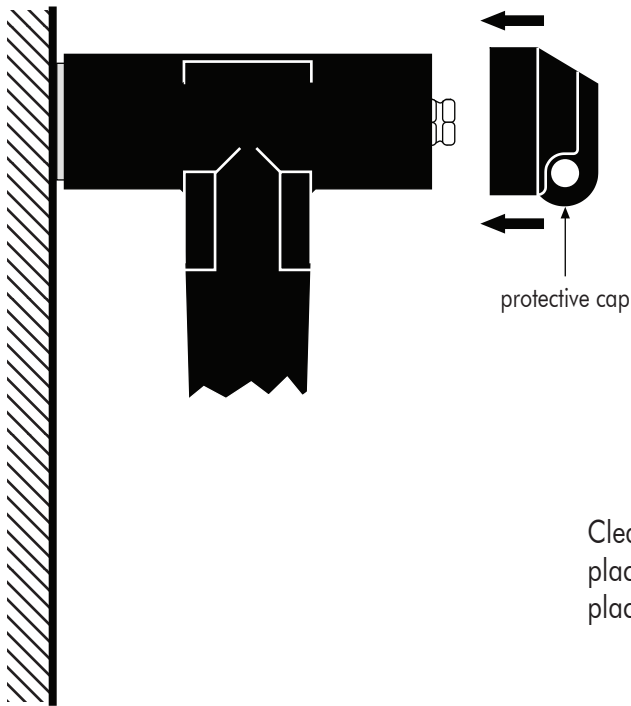
Series 400TB, 440TB, 440PB: Socket 24 mm
Torque: 50 Nm

Others: Socket 22 mm
Torque : 30 Nm



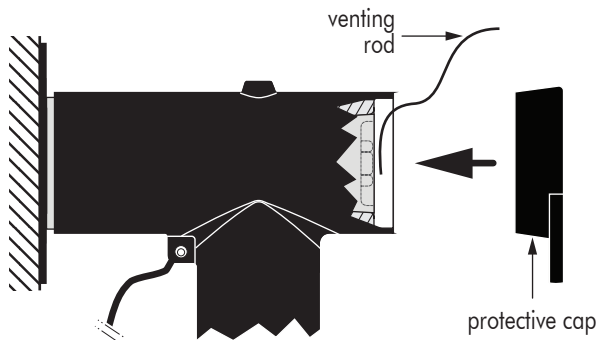
Remove the test rod, clean it and store it protected against damage and contamination. Clean and lubricate interface of connector and basic insulating plug and reinstall the basic insulating plug.

Type 400TB, 440TB and 440PB



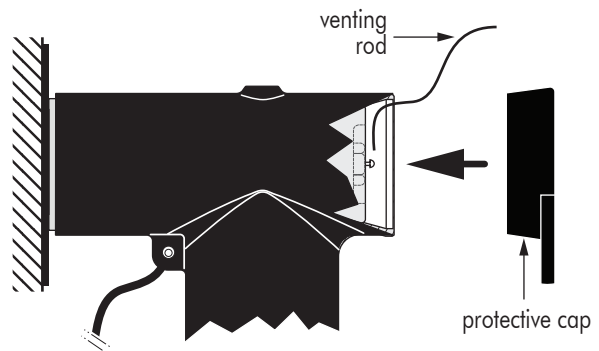
Clean inner surface of protective cap (do not lubricate) and place on the connector. Push down hard until cap “snaps” into place.

Type 430TB/300PB and 48XTB/80XPB without VD point



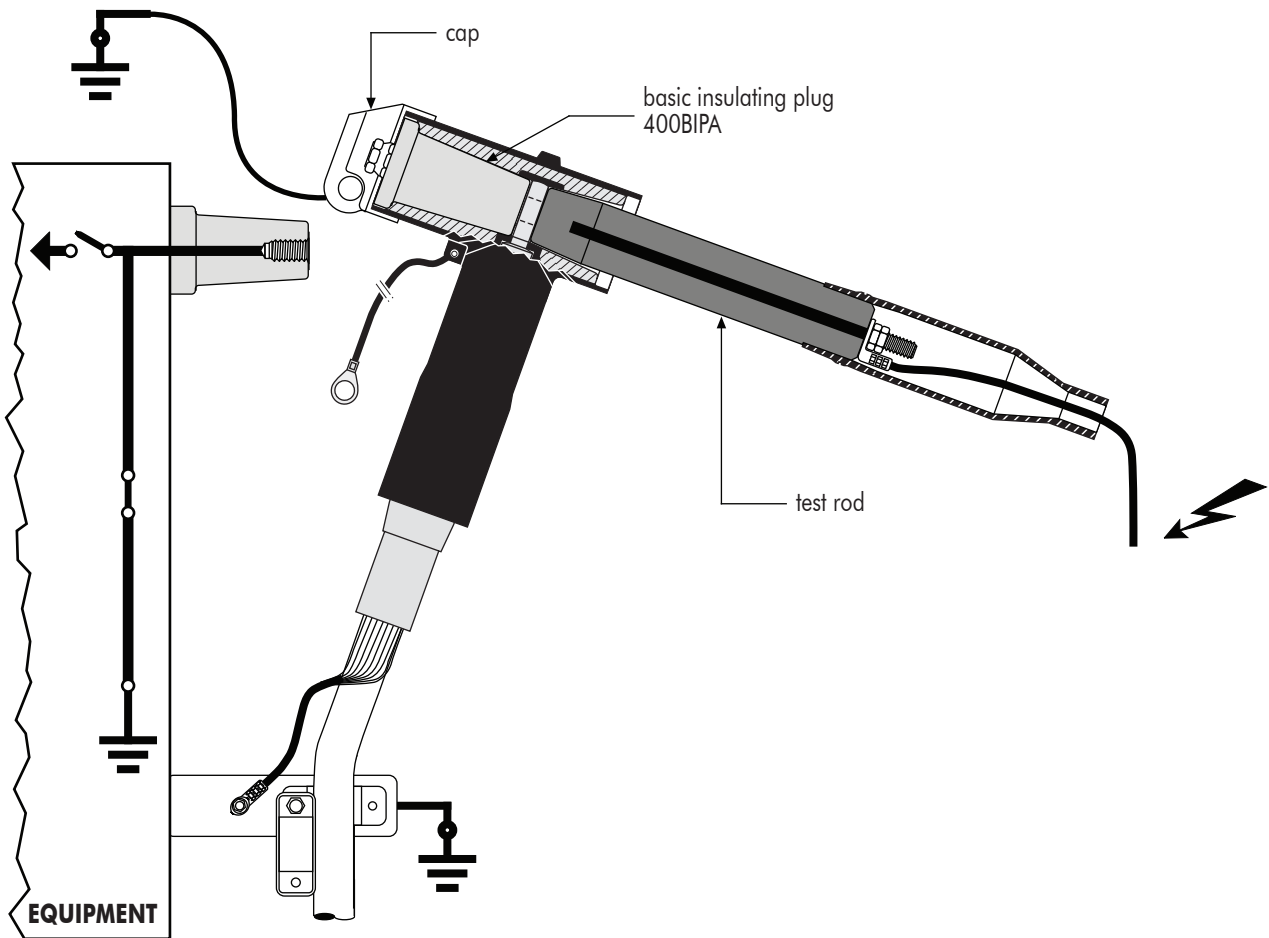
Clean inside of the cap and outside surface of connector and insulating plug. Push the cap over the connector and on to the insulating plug. Use a venting rod (e.g. nylon wire tie) to allow the air to escape from under the cap. Position the cap with the pulling tab pointing downwards. Remove the venting rod.

Type 430TB/300PB and 48XTB/80XPB with VD point



Clean inside of the cap and outside surface of connector and insulating plug. Push the cap over the connector and on to the insulating plug. Use a venting rod (e.g. nylon wire tie) to allow the air to escape from under the cap. Press the centre of the cap on to the locking point until it snaps in place. Position the cap with the pulling tab pointing downwards. Remove the venting rod.

Testing of the cable disconnected from equipment.



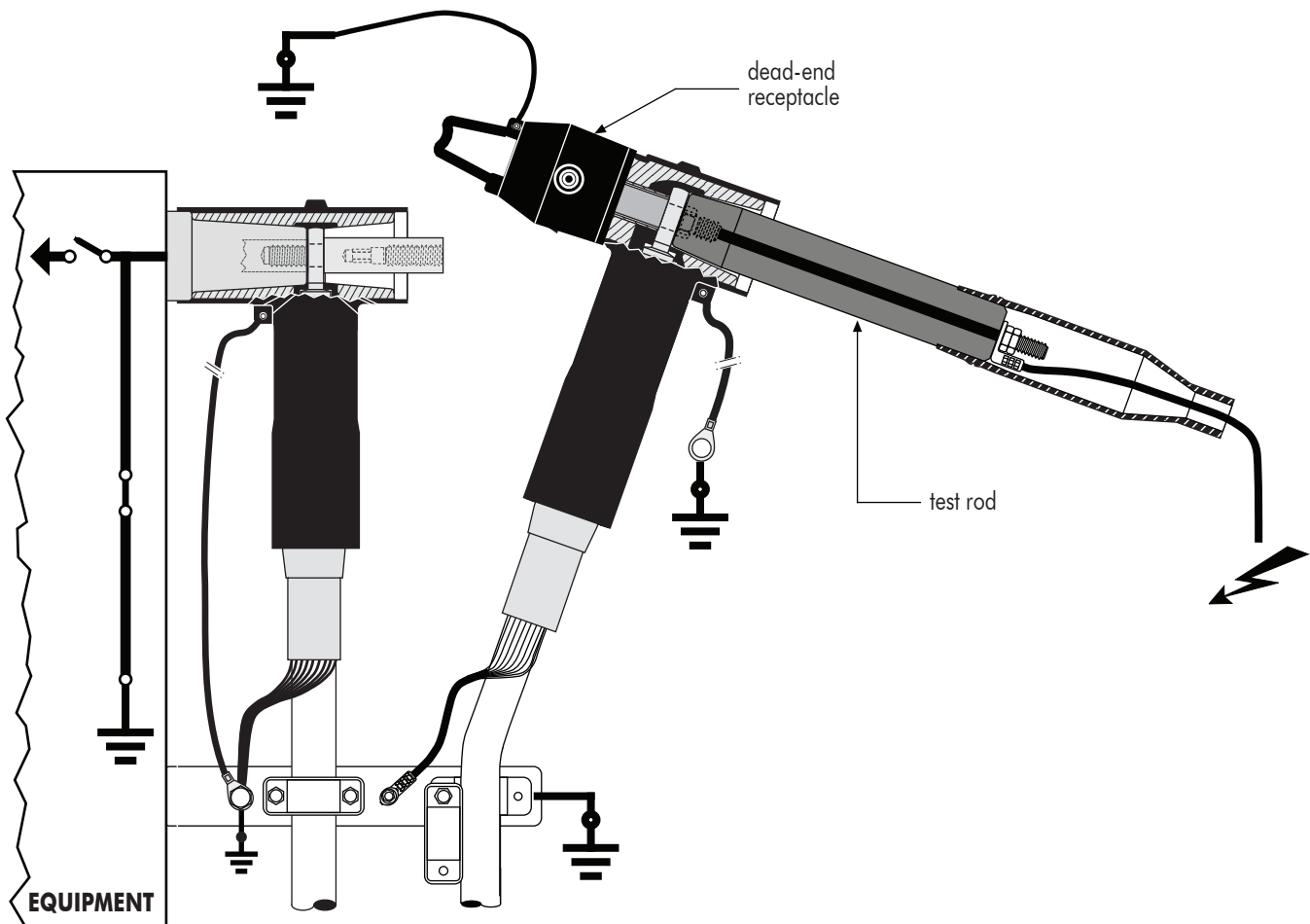
Install a basic insulating plug 400BIPA on the equipment side of the connector (hand tighten the screw), push the cap on it and connect it to ground (wire not provided).

Install the test rod on the other side of the connector (hand tighten) and inject voltage through it.

Make sure the other end of the cable is properly insulated.

Note : the 400BIPA and cap have to be provided separately.

Testing of cable equipped with connectors type 300PB/440PB or 80XPB, disconnected from their counterparts.



Remove the connector from its counterpart.

Install an appropriate dead-end receptacle on the male interface of the connector.

- For 440PB : 400DR-P/G
- For 300PB : 300DR-P/G
- For 80XPB : 800DR-P/G

These devices have to be provided separately and come with their own instruction sheet.

Make sure that the other end of the cable is also properly insulated.

Install the test rod and inject voltage through it.

IMPORTANT NOTES :

- **Never disconnect the connector from energised equipment nor energise a disconnected connector without previously installing on its appropriate corresponding mating part.**
- **Do not allow hydrocarbon oils or solvents to contaminate the E.P.D.M. rubber. In the event of contamination, wipe the surface clean with a dry cloth.**

Euromold
a Nexans company

Nexans Network Solutions NV - div. EUROMOLD

Zuid III - Industrielaan 12
B-9320 EREMBODEGEM-AALST – BELGIUM
Tel: +32 (0)53/85 02 11 – Telefax: +32 (0)53/83 10 13
sales.euromold@nexans.com