

vibro-meter®

IP172 interconnection protection mounting kit



Contents


The IP172 interconnection protection mounting kit is provided in a plastic pouch that contains:

- 1 × IP172 tool – two parts
- 10 × IP172 interconnection protectors – male and female parts
- 8 × sachets of silicone grease (enough for installing ten or more IP172 interconnection protectors)
- 1 × instruction sheet.

NOTE: IP172 interconnection protectors are used on the connection between TQxxx and EAxxx cables that use miniature coaxial connectors. They are compatible with the newer self-locking miniature coaxial connectors and the older AMP-type connectors.

Additional information

IP172 interconnection protection is used to provide a basic level of mechanical and electrical protection to the connection between a TQxxx (TQ9xx or TQ4xx) proximity sensor's integral cable and a EAxxx (EA90x or EA40x) extension cable.

Refer to the  *IP172 interconnection protection mounting kit instruction sheet* for additional information, including replacement part ordering information.

Refer to the  *TQ9xx (or TQ4xx) proximity measuring chains/systems installation manual* for additional information, including more detailed installation instructions.

Installing IP172 interconnection protection

IP172 interconnection protection is installed using the IP172 tool and silicone grease supplied in the mounting kit.


As shown on the following page, protecting the connection between a TQxxx (TQ9xx or TQ4xx) proximity sensor's integral cable and a EAxxx (EA90x or EA40x) extension cable requires three steps:

1. Mounting the male* IP172 interconnection protector onto the TQxxx's integral cable.
2. Mounting the female* IP172 interconnection protector onto the EAxxx extension cable.
3. Assembling/joining the two parts of the IP172 interconnection protector (male and female parts) together.

* Correct orientation of the male/female parts of IP172 interconnection protectors is required for compatibility with the orientation of the parts as used by Parker Meggitt.



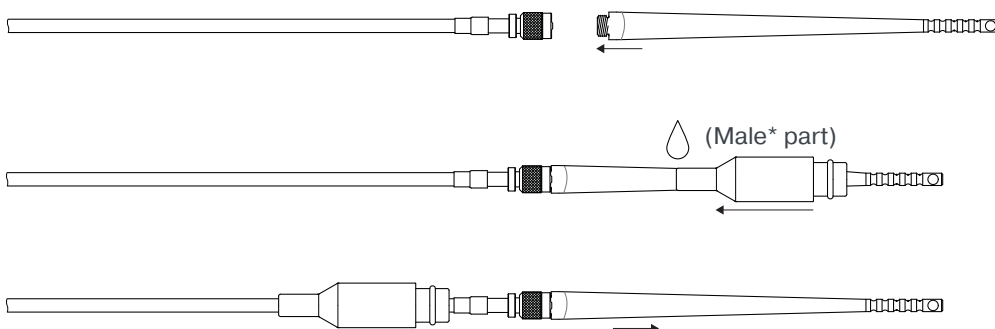
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In the following diagrams, the  symbol is used to indicate where the small diameter opening of the interconnection protector should be lubricated with a pea-sized amount of silicone grease. The silicone grease is used as a lubricant, to protect the interconnection protector from damage as it moves over the miniature coaxial connector. The grease should be kept away from the electrical contacts of the connector.

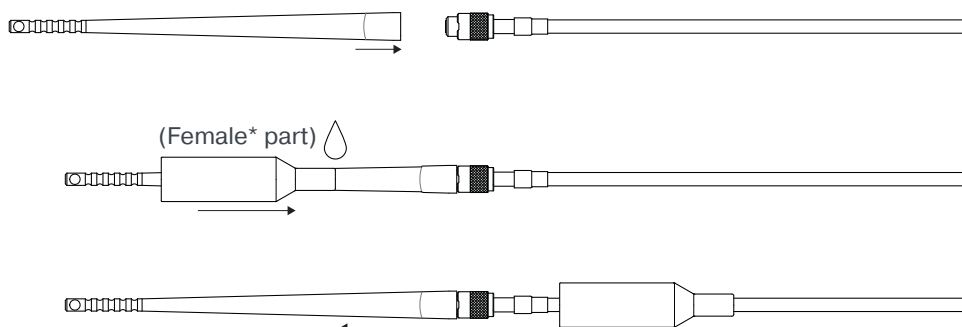


Although silicone grease is not regarded as a health or environmental hazard, avoid contact with skin and eyes, and wash your hands after use.

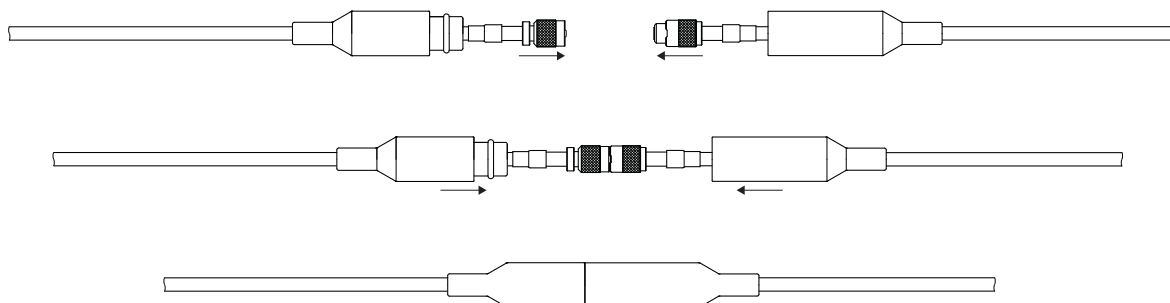
1 Mount the male* IP172 interconnection protector onto the TQxxx's integral cable:



2 Mount the female* IP172 interconnection protector onto the EAxxx extension cable:



3 Assemble/join the two parts of the IP172 interconnection protector (male and female parts) together:



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