

Connector Protector Kit, Self-fusing Silicone Electrical Tape, Miniature Coaxial Connectors, Crimping and Stripping Tool

Bently Nevada* Asset Condition Monitoring

Description

Environmental protection of probe and extension cable connectors

Protecting electrical connections where the proximity probe joins the extension cable produces a more reliable transducer system. The Connector Protector Kit provides environmental protection and electrical isolation of the connectors at this junction.

The kit contains everything needed to install the protectors in the field. It includes ten sets of connector protectors, silicone lubricant, easy-to-use installation tools, instructions and a convenient carrying case. It is used with 3300 XL 8 mm, 3300 XL 11 mm, 3300-series 5 mm, 3300 NSv* and 3300 REBAM * probes and 7200-series 5 mm, 8 mm, 11 mm, 14 mm, and 35 mm probes.

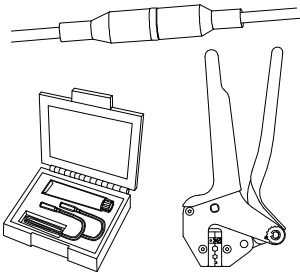
Self-fusing silicone tape is also available to protect connectors. Although not as robust as the connector protectors, the silicone tape is easy to install and does provide excellent electrical isolation and protection from the environment. Silicone tape is not recommended to protect connections made inside the casing of the machine.

Easy mounting of connector to cables

Connectors are sometimes damaged or destroyed during proximity probe installation and usage. If this happens, miniature coaxial connectors can be mounted on cables easily in the field using appropriate connectors and crimp tools.

The connectors have components containing silver-plated brass, gold-plated brass, and/or stainless steel. Each connector is supplied with the hardware necessary for mounting.

The connector crimp tool kit comes with a crimping insert compatible with 75 Ω ClickLoc* connectors and non-ClickLoc 50/75/95 Ω connectors with gold plating.



Specifications

Environmental Limits

Connector Protector Kit

Operating Temperature:

-51°C to +177°C (-60°F to +350°F).

Pressure Range:

0 to 552 kPa (0 to 80 psi) in saturated steam.

Weight:

9 g (0.3 oz).

Self-Fusing Silicone Rubber Tape

Temperature Range:

Effective in temperatures up to 180°C (356°F).

Apply only in temperatures exceeding -18°C (0°F).

Weight:

0.11 kg (0.24 lb).

Environment Performance

	Connector Protector	Silicone Tape
Oxidation	Outstanding	Outstanding
Acid (dilute)	Outstanding	Excellent
Alkali (dilute)	Outstanding	Excellent
Aliphatic Hydrocarbons (gasoline, naphtha)	Outstanding	Poor
Aromatic Hydrocarbons (benzene, toluol)	Excellent	Very poor
Halogenated Solvents	Excellent	Very poor
Diester Synthetic Lubricants	Outstanding	Very poor
Silicate Hydraulic Fluid	Outstanding	Poor
Phosphate Hydraulic Fluid	Poor	Good
Anhydrous Ammonia	Poor	Fair

Ordering Information

Connector Protector Kit:

40113-AA

A: Cable Size Option

- 02 75 ohm triaxial or 95 ohm coaxial cable¹
- 03 75 ohm coaxial cable²

Each kit comes with a package of 10 pairs of connector protectors, one tube of silicone lubricant, a male and female connector protector installation tool, and a carrying case.

03200006

9.1 metre (10 yard) roll of silicone self-fusing tape.

Connector Protector Kit Accessories

Connector Protector Package

40180-AA

A: Cable Size Option

- 02 75 ohm triaxial or 95 ohm coaxial cable¹
- 03 75 ohm coaxial cable²

Each package includes 10 pairs of connector protectors.

03839410

75 ohm Triaxial & 95 ohm Coaxial Male Connector Protector¹

03800000

75 ohm Coaxial Male Connector Protector²

Male connector protectors are installed onto the extension cable and attach to the female connector protector on the probe, providing environmental protection of connectors.

03839420

75 ohm Triaxial & 95 ohm Coaxial Female Connector Protector¹

03800001

75 ohm Coaxial Female Connector Protector²

Female connector protectors are installed onto the probe lead and attach to the male connector protector on the extension cable, providing environmental protection of connectors. Also placed on the extension cable to slide over the connection to the Proximator* Sensor and protect it from the environment.

04567890

Two-ounce tube of silicone lubricant.

136536-01

Connector Protector Adapter. Allows connector protector installation tools manufactured prior to 1998 to be used with 75 Ω ClickLoc connectors.

Coaxial Connectors

00500724

95 Ω male stainless steel, copper and brass connector.¹

00500600

95 Ω female stainless steel, copper and brass connector.¹

75 Ω ClickLoc Connector Kit

330153-AA

75 Ω ClickLoc Connector Kit for all 3300 series probes and extension cables. Each kit contains one color-coded sleeve per connector. One piece of slit FEP tubing per connector is also provided for probes and cables with triaxial cable.

A: Transducer option

- 01 One pair of male and female ClickLoc connectors for 3300 XL 8 mm probe and extension cable.
- 02 One ClickLoc male connector for 3300 XL 8 mm probe and 3300 XL 5 mm and 8 mm extension cable.
- 03 One ClickLoc female connector for 3300 XL 5 mm and 8 mm extension cable.
- 04 One ClickLoc male connector for 3300 5 mm probe.

- 05 One pair of male and female ClickLoc connectors for 3300 NSv probe and extension cable.
- 06 One pair of male and female ClickLoc connectors for 3300 XL 11 mm probe and extension cable.
- 07 One pair of male and female ClickLoc connectors for 3300 REBAM probe and extension cable.
- 08 One pair of male and female ClickLoc connectors for 3300 XL 25 mm probe and extension cable.
- 09 One pair of male and female ClickLoc connectors for 3300 XL 8 mm extended temperature range (ETR) probe and extension cable.

163356

Connector Crimp Tool Kit

Includes crimping tool, carrying case, one set of inserts and connector installation instructions.

Weight: 1.5 kg (3.4 lb.).

Connector Crimp Tool Kit Accessories

163352

Replacement insert used with the 163356 Connector Crimp Tool Kit.

163355

Insert for the 136540 Connector Crimp Tool Kit, making it compatible with 330153 connector kits.

Notes:

1. 75 ohm triaxial cable is used on 3300 XL 8 mm, 11 mm, and REBAM probes and extension cables. 95 ohm coaxial cable is used on all standard 7200-series probes except for 7200 5 mm probes.

2. 75 ohm coaxial cable is used on 3300 5 mm probes, 7200 5 mm probes, and 3300 NSv probes and extension cables.

Coaxial Cable Strip Tool

288581

Coaxial strip tool adjustable for cable diameters between 1/8" and 7/32".

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