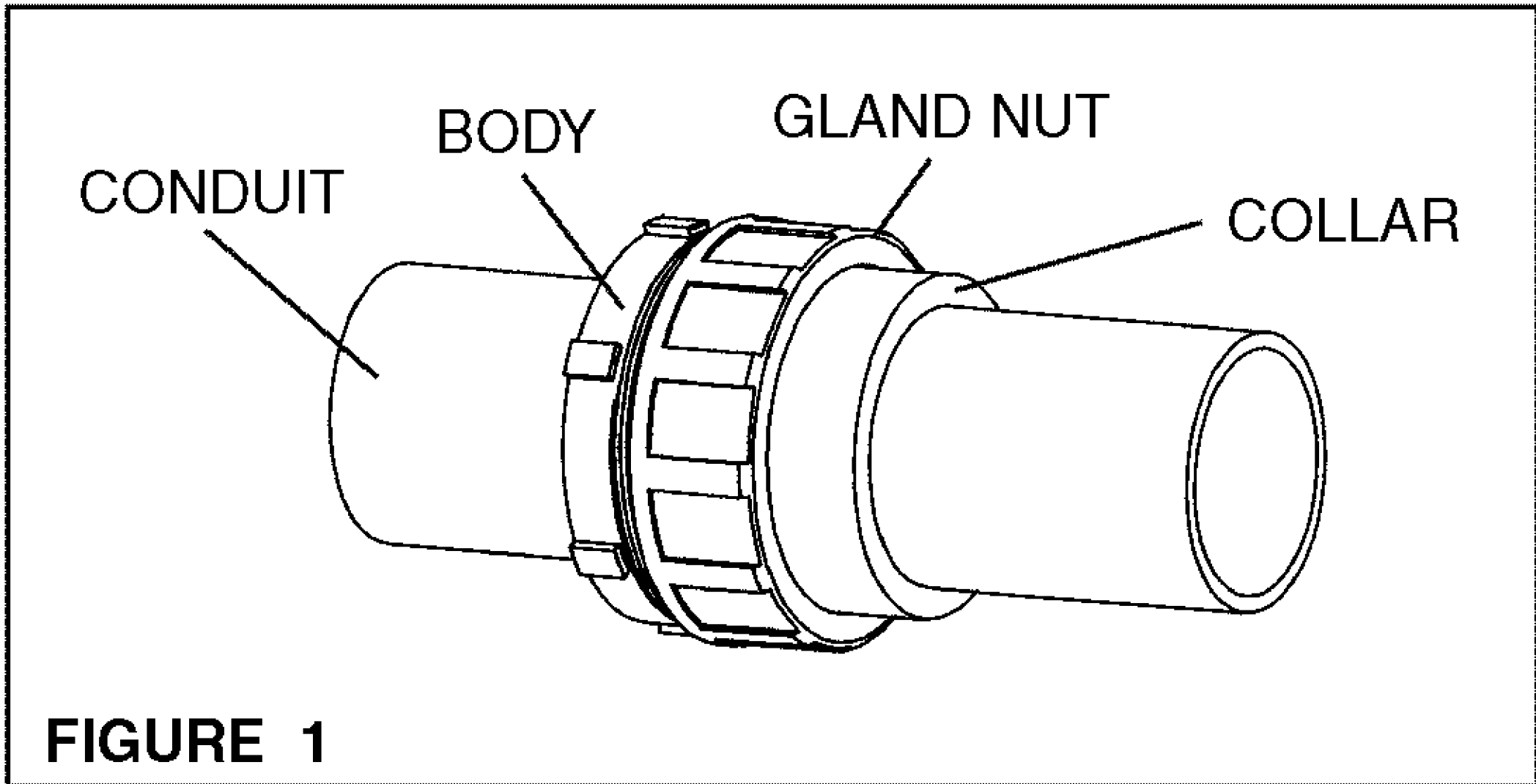


INSTALLATION MANUAL
Rigid Conduit Unions
For Ordinary and Hazardous Locations

KEEP THIS DOCUMENT READILY
AVAILABLE FOR REFERENCE

LISTINGS  LISTED

SIZES 1/2" THROUGH 4": CL I, GR A, B, C, D;; CL II, GR E, F, G, CLASS III



WARNING: Disconnect all electrical power prior to any maintenance work.

INSTALLATION INSTRUCTIONS: Refer to Figure 1

1. Verify that the package and product markings are compatible with the application and Classification.
2. Before threading fitting on the conduit, be sure that all dirt and debris are removed from conduit threads. Verify that the conduit threads conform to NPT standard for fitting size being installed.
3. Apply generous amount of thread lubricant to male threads.
4. Insert gland nut over the conduit on the collar side with the threaded opening facing the mating body. If installation is vertical, the collar/gland nut must be on top.
5. Hand tighten fittings to conduit, and then, using a wrench, tighten securely to the torque values shown below. These values are specified by UL Standard 514B.

TRADE SIZE (")	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
TORQUE (IN-LBF)	800	800	1000	1000	1000	1600	1600	1600	1600	1600

CATALOG NUMBERS

MALE	FEMALE	SIZE
UNY105-TB	UNF105-TB	1/2
UNY205-TB	UNF205-TB	3/4
UNY305-TB	UNF305-TB	1
UNY405-TB	UNF405-TB	1 1/4
UNY505-TB	UNF505-TB	1 1/2
UNY605-TB	UNF605-TB	2
UNY705-TB	UNF705-TB	2 1/2
UNY805-TB	UNF805-TB	3
UNY905-TB	UNF905-TB	3 1/2
UNY1005-TB	UNF1005-TB	4

WARNING: UL Standard 886 requires that at least five full threads be engaged in order to meet requirements for explosion proof (Class 1) applications. Please consult your local code for compliance requirements.

WARNING: These fittings include explosion proof surfaces, and proper care must be taken to prevent damage to these surfaces prior to and during installation.

6. Mate the Collar and Body ensuring they are properly aligned. Hand tighten the gland nut and then, with a wrench, tighten securely to torque values shown below. These values are specified by UL Standard 514B.

TRADE SIZE (")	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
TORQUE (IN-LBF)	300	500	700	1000	1200	1600	1600	1600	1600	1600

WARNING: Verify integrity of the system before re-energizing

Thomas & Betts Corporation
Memphis, Tennessee

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WARRANTY: Thomas & Betts sells this product with the understanding that the user will perform all necessary tests to determine the suitability of the product for its intended use. Thomas & Betts manufactures its goods and tools in a manner to be free of defects. Should any defect occur in its goods within two years (or tools within time stated on warranty card) of the date of purchase, Thomas & Betts, upon prompt notification, will at its option, exchange or repair the goods or tools or refund the purchase price. Proof of purchase required.

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