



Installation Instructions for R8941 Feed Thru Signal Generator

Mounting Instructions

- a. Check Signal Generator to assure proper size drive tang is inserted fully into the generator body. The drive tang is snapped into place, but is free to move allowing for normal eccentricity.
- b. Carefully insert the tip of the male drive tang into the female drive and screw the Signal Generator down finger tight. Tighten drive fitting securely; torque must not exceed 15 lb-ft max.
Over-tightening can damage the unit and will void the warranty.

NOTE: The Signal Generator can be mounted in any position and works equally well in either direction of rotation.

Electrical Connections

- a. Make electrical connections to the Signal Generator, checking for clean, secure connections.
- b. Two conductor shielded cable is preferred to minimize electrical interference. The shield may be grounded at the most convenient termination – one end only.
- c. A twisted pair cable must be used if shielded cable is not available, to minimize electrical interference.

An ohmmeter may be used to electrically check the Signal Generator. The resistance will be 234 ohms between wires with nothing attached.

Maintenance

No routine maintenance is required for the Signal Generator. If the Signal Generator is installed in a harsh or severe environment, check terminations for clean and secure connections. The snap-in drive tang may be easily replaced if worn.

NOTE: COMMON CAUSES OF FAILURE WHICH WILL VOID YOUR WARRANTY!

Do not over tighten!
Use of incorrect Drive Tip can damage these senders.

- Max 4000 RPM
- 7/8-18 internal and 7/8-18 external thread

Drive Tips for Generators

Male
 R8971 .152” tang
 R8972 .187” tang
 R8973 .203” tang
 R8974 .104” square
 R8979 .150” square

Female
 R8975 .203” tang hole
 R8976 .104” square hole
 R8977 .152” tang hole
 R8978 .187” tang hole





Installation Instructions for R8970 Signal Generator

Mounting Instructions

- c. Check Signal Generator to assure proper size drive tang is inserted fully into the generator body. The drive tang is snapped into place, but is free to move allowing for normal eccentricity.
- d. Carefully insert the tip of the male drive tang into the female drive and screw the Signal Generator down finger tight. Tighten drive fitting securely; torque must not exceed 15 lb-ft max.

Over-tightening can damage the unit and will void the warranty.

NOTE: The Signal Generator can be mounted in any position and works equally well in either direction of rotation.

Electrical Connections

- d. Make electrical connections to the Signal Generator, checking for clean, secure connections.
- e. Two conductor shielded cable is preferred to minimize electrical interference. The shield may be grounded at the most convenient termination – one end only.
- f. A twisted pair cable must be used if shielded cable is not available, to minimize electrical interference.

An ohmmeter may be used to electrically check the Signal Generator. The resistance will be 234 ohms between wires with nothing attached.

Maintenance

No routine maintenance is required for the Signal Generator. If the Signal Generator is installed in a harsh or severe environment, check terminations for clean and secure connections. The snap-in drive tang may be easily replaced if worn.

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- Max 4000 RPM
- 7/8-18 internal thread

Drive Tips for Generators

Male

- R8971 .152” tang
- R8972 .187” tang
- R8973 .203” tang
- R8974 .104” square
- R8979 .150” square

