OPERATING INSTRUCTIONS

Connector Maintenance:
- A daily, weekly and periodic inspection of the connector by competent person is recommended. User must establish a regular interval for maintenance as determined by the user media and operational environment.
- Inspection should include visual checks of the sealing area, collets, handle wear, missing or loose components, leak tightness, ease of operation, sufficient lubrication, wear, dirt accumulation and damage.
- Establish a regular interval for lubrication. The media and environment will be determining factors in establishing this interval to prevent dryness and/or corrosion.
- Difficulty of operation after continual use indicates a need for lubrication or other maintenance.
- Use only original FastTest spare parts that are designed for the application and are subject to strict quality control. See Warranty.

Safety Warnings – Guidelines:
- If instructions are not completely understood by operator or components are missing, contact FastTest before attempting use of the connector.
- Application Safety: All FastTest products have been designed with safety in mind, however, it is the responsibility of the products users to design each process in such a way to avoid mishaps that can cause physical hazard or property loss. Secondary restraints such as safety chains, shields, cages or fixtures are all good choices depending on the application. FastTest can recommend or assist you in clarifying potential hazards of your application.
- FastTest ZGX Connectors are not internally valved, and will not prevent loss of media when disconnected. Do not attempt to disconnect unless safe conditions are met.
- FastTest ZGX Connectors must only be used with test pieces of a specific size as indicated by the part number. Improper use could cause separation of the connector from the test piece resulting in physical harm or damage.

FastTest, Inc. Product Warranty
FastTest, Inc. warrants its products against defects of workmanship and/or material for 90 days from the date of the sale to FastTest, Inc. This warranty is void if the product is misused, tampered with or used in a manner that is not in accordance with FastTest, Inc. recommendations and/or instructions. FastTest, Inc. is not liable for consequential or other damages including, but not limited to, loss, damage, personal injury, or any other expense directly or indirectly arising from the use of or inability to use its products either separately or in combination with other products. ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, WHETHER ORAL OR WRITTEN, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.
Remedy under this warranty is limited to replacement of the product or an account credit in the amount of the original selling price, at the option on FastTest, Inc. All allegedly defective products must be returned prepaid transportation to FastTest, Inc. along with information describing the products performance, unless disposition in the field is authorized in writing by FastTest, Inc.

ZGX Lever Activated Connectors
Description: ZGX Series Connectors grip the outside of a pipe and seal on the inside of it.

ZGX Connectors provide a reliable leak-tight connection that seals on smooth bores. Simply insert a pipe between the collet and the main seal then rotate handle to engage seals to bore.

Please thoroughly read and understand these operating instructions prior to operating the connector. The use of pressurized media for sealing and testing requires a thorough understanding of the FastTest ZGX Operating Instructions.

- Installation
- Operation
- Connector Maintenance
- Safety Warnings – Guidelines

GTEK AUTOMATION
26212 Dimension Drive, Suite 150
Lake Forest, CA 92630
Ph. 949-680-4242
www.gtek-automation.com
OPERATING INSTRUCTIONS

Installation:
Connect hose/fitting securely to the termination port of the connector.
1/8" NPT tighten to a maximum torque of 12 ft-lbs.
1/4" NPT tighten to a maximum torque of 25 ft-lbs

Operation:

Connecting Action:
1. Depending on the bore size the seals may need to be preloaded to properly fit and seal the bore after handle has been rotated. To pre-load prior to insertion into bore, spin washer cap with the handle in this horizontal position and it will compress the main seal(s).
2. Lock the washer cap in place with the lock ring.
3. Insert sealing end into port and rotate handle 90° degrees.

- CAUTION: The maximum rated pressure is stamped on the connector body. Before using, verify that this pressure rating is within your working pressures.
- WARNING: Tug on the connector to assure proper engagement and gripping before introduction of pressurized media.
- DO NOT force connector onto test part when connecting. Forcing the connector will result in poor sealing and possible leakage.
- DO NOT spin test piece on seal once lever has been rotated 90° degrees.

4. Activate test media through connector termination port.

Disconnecting Action:
1. Deactivate test pressure. (DO NOT ROTATE LEVER UNTIL TEST PRESSURE HAS BEEN DEACTIVATED).
2. Rotate lever to the horizontal position and remove from test piece.

Pressure Ratings:
1. When testing, maximum test pressure is 500psi.