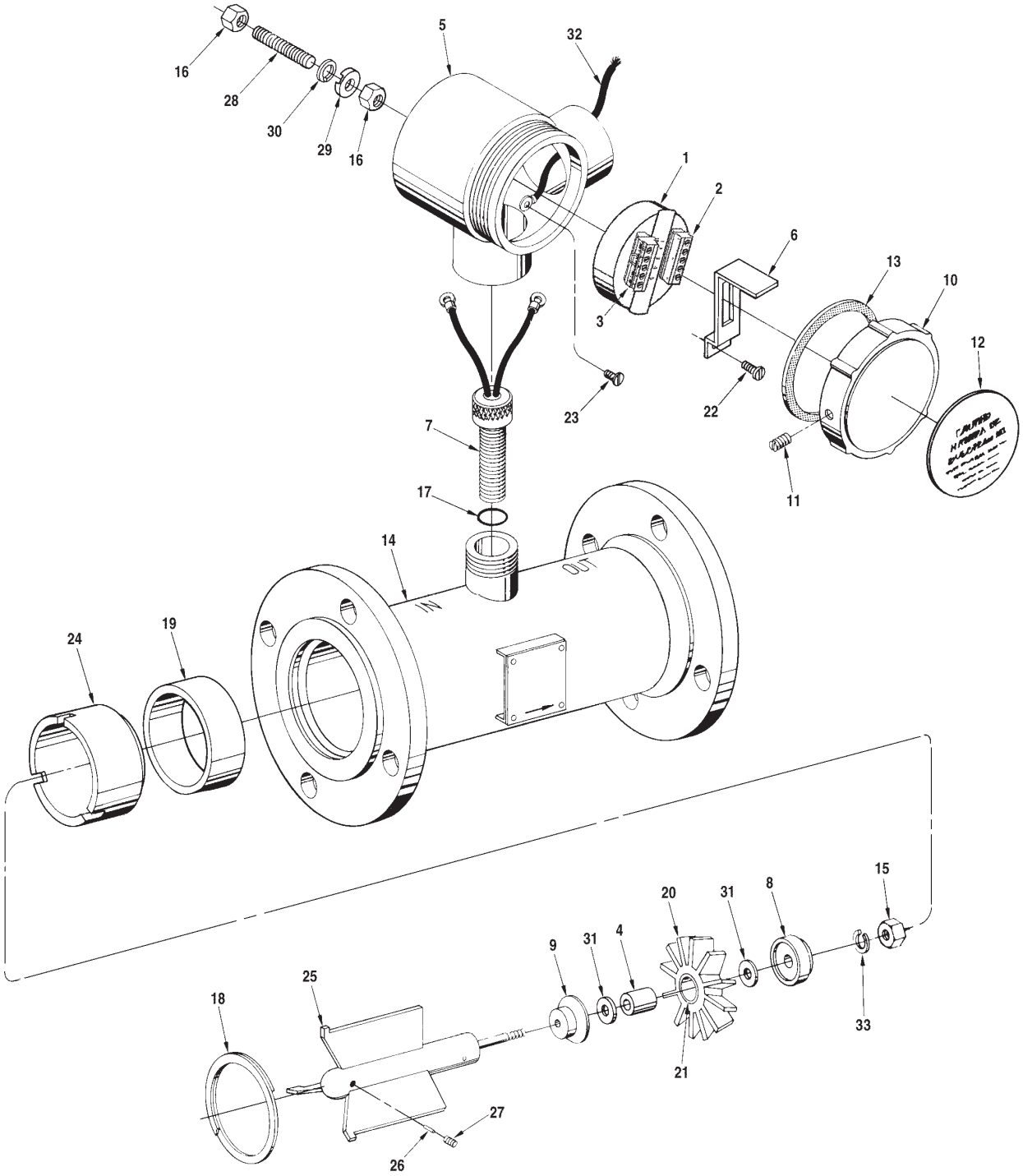
GUIDANT

# Meter, Turbine, 1-1/2 Inch, Guardsman™ G, Model K2BA and GLJ-H Model K2EA Series

Bulletin PO02001 Issue/Rev. 0.1 (07/14)



| Item | | Description | Qty. | Part Number |
|---|---|---|---|---|
| 1 | + | Preamplifier: | | |
| | | PA-6, 12 to 24 Vdc | # | 230663-101 |
| 2 | | Connector, (1-5) | 1 | 645030-452 |
| 3 | | Connector, (6-10) | 1 | 645030-453 |
| 4 | | Bearing, Platform: | | |
| | | Smooth | 1 | 540305-204 |
| 5 | | Box, Conduit | # | 543256-200 |
| 6 | | Clip, Retaining | # | 543192-203 |
| 7 | | Coil, Pickup | | |
| | | -100°F to 225°F | # | 646655-401 |
| | | -100°F to 400°F (High Temperature Version) | # | Consult Factory |
| | | Mating Connector with Leads (High Temperature Version) | # | Consult Factory |
| 8 | | Cone, Downstream: | | |
| | | Unidirectional or Bidirectional | 1 | 544367-201 |
| 9 | | Cone, Upstream: | | |
| | | Unidirectional or Bidirectional | 1 | 544356-202 |
| 10 | | Cover, Conduit Box: | | |
| | | UL/CSA Approvals | # | 543196-100 |
| | | ATEX Manufactured in U.S.A. | # | 544057-101 |
| | | ATEX Manufactured in Germany | # | 544057-102 |
| 11 | @3 | Screw, Set, #6-32 x 1/4" | # | 643243-403 |
| 12 | | Label: | | |
| | | UL/CSA Approvals | 1 | 543195-200 |
| | | ATEX Manufactured in U.S.A. | 1 | 544056-201 |
| | | ATEX Manufactured in Germany | 1 | 544056-202 |
| 13 | | Gasket, Conduit Box | # | 013403-200 |
| 14 | | Housing | 1 | See Note 2 |
| 15 | +@3 | Nut, Hex, #2-56 | 1 | 643747-405 |
| 16 | | Nut, Hex, 1/4"-20, ATEX version only | # | 060060-001 |
| 17 | | O-Ring, (Carbon Steel Housing only) | # | 641069-474 |
| 18 | + | Ring, Retaining: | | |
| | | 302 Stainless Steel | 1 | 644420-404 |
| | | 316 Stainless Steel | 1 | 644718-404 |
| 19 | | Ring, Stator Locking (Used on 900# Flange Meters only) | 1 | 544142-204 |
| 20 | @1 | Rotor Assembly: | | |
| | | Standard | 1 | 544361-191 |
| 21 | + | Bearing, Rotor | 1 | 540296-204 |
| 22 | | Screw, #10-32 x 1/4" | # | 009544-401 |
| 23 | | Screw, #10-32 x 1/4", UL/CSA version only | # | 006110-002 |
| 24 | | Spacer, Stator (Used on 900# Flange Meters only) | 1 | 544324-212 |
| 25 | | Stator Assembly | 1 | 544363-101 |
| 26 | | Pin, Dowel | 1 | 644541-402 |
| 27 | @3 | Screw, Set, #8-32 x 3/16" | 1 | 645416-402 |
| 28 | R | Stud, ATEX Version only | # | 550773-001 |
| 29 | | Washer, Inverted, ATEX version only | # | 550770-001 |
| 30 | | Washer, Lock, 1/4", ATEX version only | # | 006621-001 |
| 31 | + | Washer, Thrust | 2 | 543522-203 |
| 32 | | Wire, Ground, UL/CSA versions only | # | 544058-101 |
| 33 | | Washer, Lock | # | 643164-413 |

| Description | Part Number |
|---|---|
| Internal Parts Kit | |
| Unidirectional, (STD Linearity) | 544362-101 |
| Bidirectional, (STD Linearity) | 544362-102 |
| Unidirectional, (Premium Linearity) | 544362-201 |
| Bidirectional, (Premium Linearity) | 544362-202 |

| | |
|---|---|
| + | Recommended stock. |
| # | Order quantity required. |
| R | Indicates revision since last issued. |

@1 Due to a change in the design of this meter in September of 1989, it is necessary to determine whether your meter is of current or previous design. Standard serial numbers up to and including 6252, and special serial numbers up to and including 200995 are considered previous design. Numbers higher than those are considered current design. Should either an upstream or downstream cone require replacement on a previous design meter, it will be necessary to replace both at the same time. Cones on current design meters can be replaced individually.

@2 Consult Factory, 814 898-5000, providing model and serial numbers and advising:

1. Uni or Bidirectional
2. Housing Material
3. Flange Material
4. Flange Class (Pressure)
5. Number of Pickup Coil Bosses
6. Type of Flange

@3 Thread-locking adhesive (Part No. 642917401) should be used to lock nut on stator shaft, #27, and to secure set screw #11.

# Technical Support

Contact Information:
**Field Service Response Center**
24/7 Technical Support/Schedule a Technician: 1-844-203-4014
System Installation Supervision, Start-Up, Training, and Commissioning Services Available

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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