## Instrument Data Sheet

### General
1. **Product**: Tilt Level Probe (High Temp, 3-Wire, non-intrinsically safe)
2. **Model Number**: CT-201GH
3. **Manufacturer**: Conveyor Components Company

### Environment
5. **Ambient Temperature**: -37 to 450 °F [-38 C to 232 °C]
6. **Enclosure Material**: Powder-coated carbon steel (standard) with epoxy potting compound; or stainless steel with epoxy potting compound
7. **Mounting**: Hung by chain, cable, or bar with a final chain link or S-hook

### Switch
10. **Switch Type**: SPST x 1 (Normally closed when vertical)
11. **Electrical Connection**: 18/3 High temperature cable
12. **Contact Rating**: 1.7A @ 120V AC; 1.5 mA @ 5V DC
13. **Electrical Action**: Non-latching
14. **Cable Length**: 25’ [7.6 m] (standard) attached to probe; longer lengths available on request.
15. **Indicating Lamp**: None

### Actuator
18. **Type**: 9” [229 mm] heavy duty tilt probe
19. **Mechanism**: Epoxy encapsulated mercury switch: contains 1.16g Hg
20. **Closed Circuit State**: Vertical
21. **Open Circuit State**: 15° nominal (13-25° range) from vertical (omni-directional)
22. **Action**: Non-latching

### Options
27. **Enclosure**: Powder coated carbon steel (standard)
28. **Stainless steel (option S)
29. **Paddle**: 3” x 4” [101 mm x 72 mm] paddle (option P, cannot be combined with option C) welded to bottom of probe
30. **Attachment Coupling**: Threaded coupling (option C-(coupling size), cannot be combined with option P) welded to bottom of probe

### Accessories
31. **Additional Cable**: 18/3 High temperature cable (CT-300GH)
32. **Mounting Bracket**: Bale loop (CT-400) for hanging (probe from) 1 ¼” NPT pipe
33. **S-Hook**: S-hook (CT-500) for attaching probe to CT-400, chain, etc.
34. **Attachments**: Float Ball (CT-600) (requires option C-3/4)
35. **Adapter (CT-700)**: for model CR paddles (requires option C-3/4)

### Certifications
37. **Manufacturer**: Conveyor Components Company Division of Material Control, Inc.
130 Seltzer Road, PO Box 167
Crosswell, MI 48422 USA
(810) 679-4211
info@conveyorcomponents.com
www.conveyorcomponents.com

Notes: The CT-201GH is **not** intrinsically safe for hazardous locations.