

ADVANCED CONTROL TECHNOLOGY, INC.

- Drawing date: May 17, 2005
- Part number: ACT- 4949
- Revision level: C
- Supersedes: B
- Supersedes date: April 28, 2000

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STEM

- A) 1¹/₄" NPT steel pipe plug
- B) Brass stem
- C) Nylon float
- D) Overall length 10"

HARNESS

- 1) Common wiring
- 2) S1 - 50 watt SPST reed switch
 - Switch #1 = 6"
 - **Normally closed***
- 3) T1 - 6 amp SPST temperature switch
 - Temperature trip point 70° centigrade (158° fahrenheit)
 - **Normally closed****

* Switch is set normally closed to open on rising fluid level.

** Temperature switch is set normally closed to open on rising temperature.

OPTIONS

- O₁) DIN connector
 - Pin #1 = Level switch
 - Pin #2 = Temperature switch
 - Pin #3 = Common
 - Ground = Not used

APPLICATION DATA

- Liquid: Hydraulic oil
- Specific gravity: Estimated at 0.82
- Temperature: 160° fahrenheit max
- Pressure: Ambient
- Vacuum: Ambient
- Electrical load: 24vdc PLC

WARNING

All electrical codes relevant to the installation of this control must be followed including, but not limited to, intrinsically safe barrier, fusing, disconnect, ground fault interrupter etc. Switch failure will occur without proper

