ADVANCED CONTROL TECHNOLOGY, INC.

Drawing date:

May 17, 2005

• Part number:

ACT- 4949

Revision level:

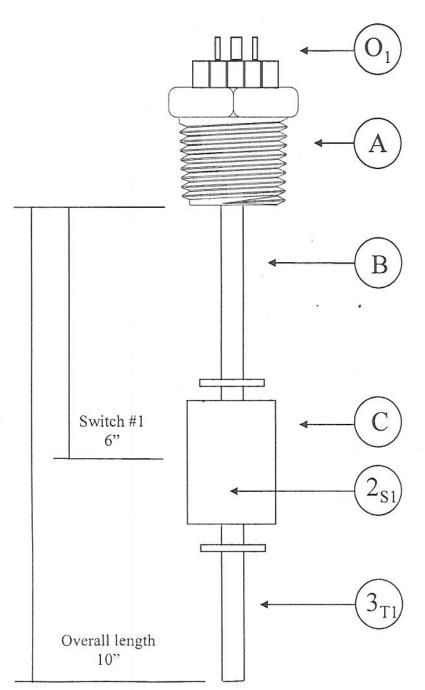
C

• 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

 $1^{3}/_{16}$ " diameter x $1^{3}/_{4}$ " tall

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: Vacuum: Ambient 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