

TWR TEMPERATURE SWITCH FOR LIQUIDS



Flow
Pressure
Level
Temperature
measurement
monitoring
control

T1



- Simple Installation
- Position Independent
- Brass or SS Construction
- Optional Signal Light
- Maximum Temperature: 248°F



USA

KOBOLD Instruments Inc.
1801 Parkway View Drive
USA-Pittsburgh, PA 15205
☎ +1 412-788-2830
Fax +1 412-788-4890
E-mail: info@koboldusa.com

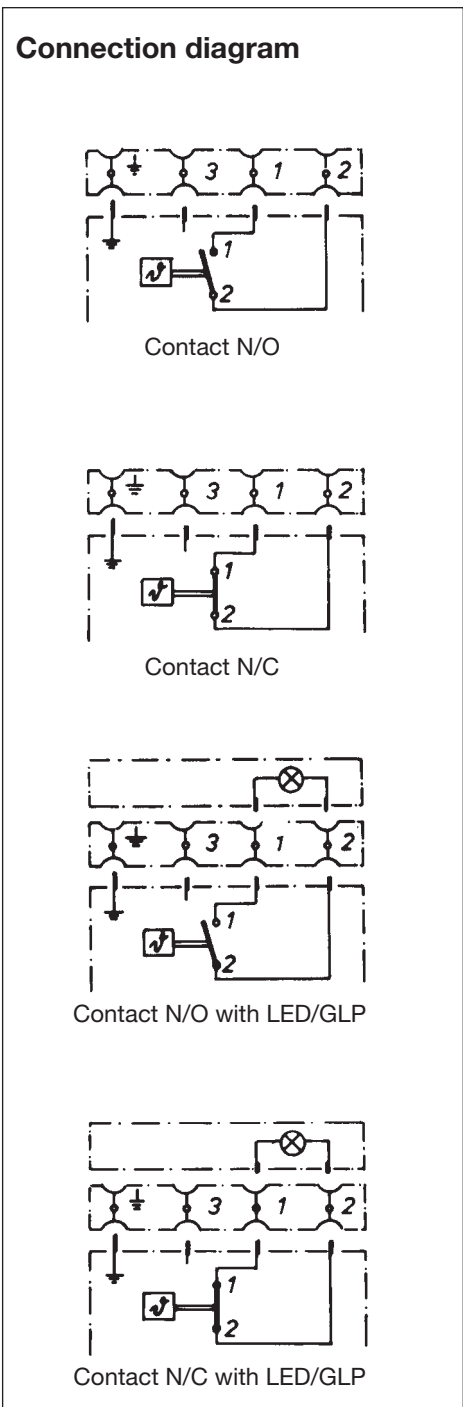
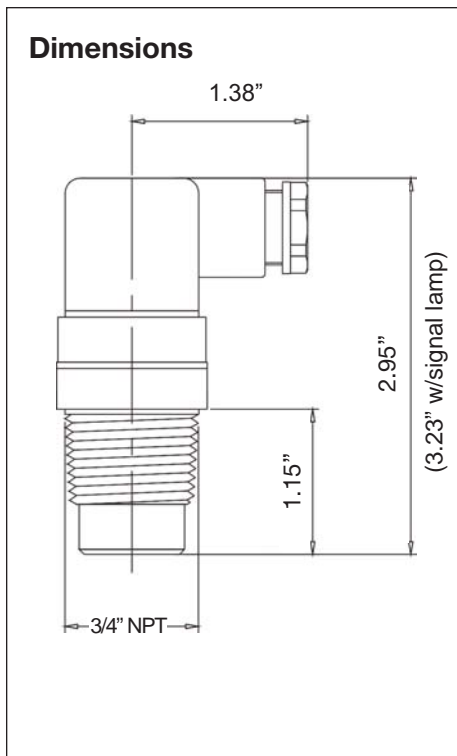


CANADA

KOBOLD Instruments Canada Inc.
9A Aviation
Pointe-Claire, QC H9R 4Z2
☎ +1 514-428-8090
Fax +1 514-428-8899
E-mail: kobold@kobold.ca

Visit KOBOLD Online at
www.kobold.com

Model:
TWR



Special Features

- Simple Installation
- Position Independent
- Brass or SS Construction
- N/C or N/O Contact
- Optional Signal Lamp
- Maximum Temperature: 248°F

Specifications

Switchpoint Accuracy: ±9-13°F (±5-7°C)
Hysteresis: Max. 20°C (36°F)

Max. Temp: 120°C (248°F)

Max. Pressure: 64 Bar (928 PSIG)

Housing: Ni-plated Brass or 1.4301 (304) SS

Fittings: 3/4" NPT

Contact:

Function: N/C or N/O
 Max. Ratings: 250 VAC, 30 VDC, 4 A

Switch Point Options in °C (°F)

Select when ordering (add to p/n as suffix):
 30 (86), 35 (95)
 40 (104), 45 (113)
 50 (122), 60 (140)
 70 (158), 80 (176)
 90 (194), 100 (212)
 110 (230), 120 (248)

Protection: IP65

Kobold's TWR temperature switch is used to provide thermally triggered switching functions for liquids in pipe systems and containers. Individually it can provide temperature alarm features to, for example, insure process compliance with maximum or minimum limits. Pairs of TWR's can be chosen to provide wide hysteresis (deadband) thermostatic control function to control heating and cooling equipment.

The TWR is available in brass or stainless steel and has a 3/4" NPT fitting for direct installation into pipes or tanks.

The contact operates with a preset switchpoint. The switchpoint is factory set, but selectable in 5°C increments between 30°C and 50°C and 10°C increments between 50°C and 120°C. The contacts are available in normally open (N/O) and normally closed (N/C) configurations.

Electrical connection to the TWR is achieved via a DIN 43 650 plug. The DIN plug is optionally available with an integrated signal lamp, providing a visual indication of switch condition.

Order Numbers			
Contact	Part Number		Options Add to Part Number
	Brass	SS	
N/O	TWR-5101	TWR-5201	Signal Light
N/C	TWR-5102	TWR-5202	-LED (24 VDC) -GLP (110 VAC)