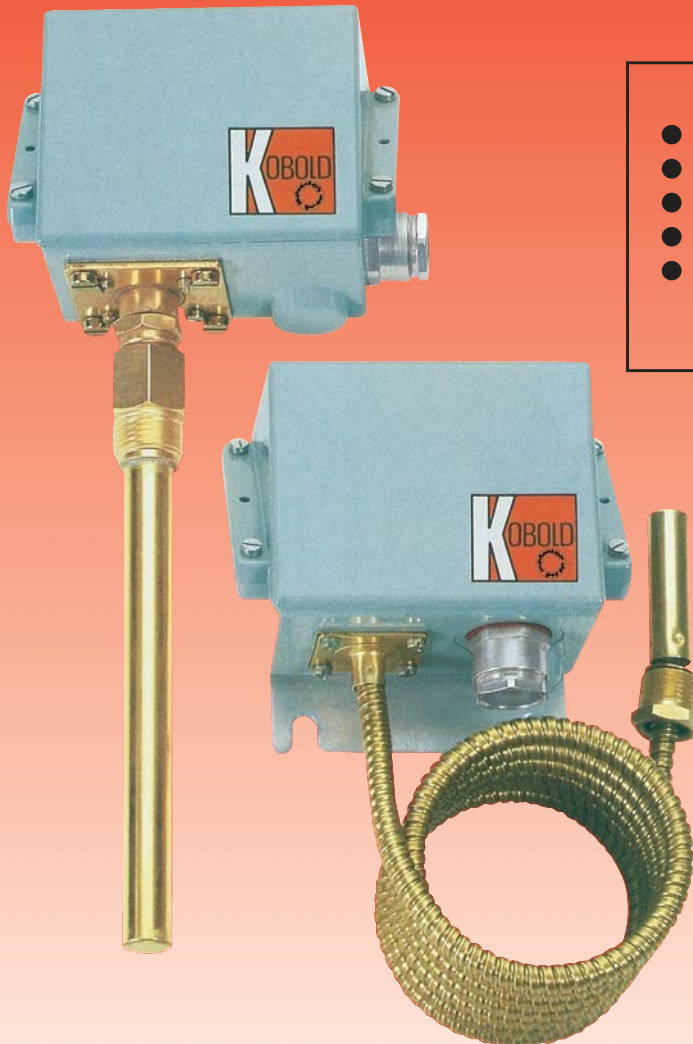


## DTS TEMPERATURE SWITCHES



Flow  
Pressure  
Level  
Temperature  
measurement  
monitoring  
control



- Industrial and Marine Applications
- World Wide Approvals
- NEMA 6 Enclosure
- Rugged and Reliable
- With or Without Capillary Tube

Contact:  
Industrial Process Measurement, Inc.  
3910 Park Avenue, Unit 7  
Edison, NJ 08820  
732-632-6400  
support@instrumentation2000.com  
<http://www.instrumentation2000.com>

Model:  
DTS



Our DTS temperature switches are built to conform to the needs of industry. The DTS is ideal for uses demanding robust design. Environmental protection is provided by our high grade NEMA 6 enclosure. Careful internal design provides excellent resistance to shock and vibration. All conventional (as well as some unconventional) requirements for outdoor and indoor use are covered by the DTS temperature switch. Typical installations include manufacturing plants, diesel units, compressors of all types, power stations and ships.

**Technical Specifications**

**Contact Rating (SPDT)**

**AC:** Inductive AC-3 6A, 400V  
 Inductive AC-15 4A, 400V  
 Resistive AC-1 10A, 400V

**DC:** DC-13 12W, 220V

**Temperature Limits:**

Medium: -10 C to chart value  
 Ambient: -40 to +70°C

**Fitting Size:** 1/2" Male NPT

**Thermowell:** Brass 75mm Length

**Enclosure:** NEMA 6/IP67

**Cable Fittings:** IEC Pg 13.5  
 Cables 5 to 14 mm Ø

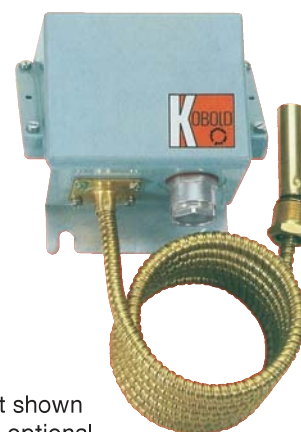
**Capillary Tube**

**Standard:** Copper 6.6 ft.  
**Optional:** Copper w/ brass armor 6.6 ft.



**Approvals**

- USA:** American Bureau of Shipping/UL
- Canada:** CSA
- Japan:** Nippon Kaiji Kyokai
- Norway:** Det Norske Veritas, NEMKO
- Finland:** Sähkötekniikan tutkimuskeskus
- UK:** Lloyds Register of Shipping
- Germany:** Germanischer Lloyd
- Italy:** Registro Italiano Navale
- Poland:** Polski Rejestr Statków
- USSR:** USSR Register of Shipping
- Denmark:** DEMKO
- Switzerland:** SEV



(Unit shown with optional armor on capillary tube)

**Ordering Data**

	Model Number	Range °C	Hysteresis (adjustable) °C	Maximum Temperature °C	Capillary Tube Length ft.	Thermowell Length mm
	DTS-3113	-10 to 30	3 to 10	80	6.6	75
	DTS-3118	20 to 60	3 to 14	130	-	75
	DTS-3102	20 to 60	3 to 14	130	6.6	75
	DTS-3121	50 to 100	4 to 16	200	-	75
	DTS-3105	50 to 100	4 to 16	200	6.6	75
	DTS-3141	50 to 100	9	200	-	75
	DTS-3126	70 to 120	4.5 to 18	220	-	75
	DTS-3129	70 to 120	4.5 to 18	220	6.6	75
	DTS-3107	60 to 150	5 to 25	250	6.6	75
	DTS-3109	100 to 200	6.5 to 30	300	6.6	75

**Option: Brass Capillary Tube Armor      Suffix "K"**