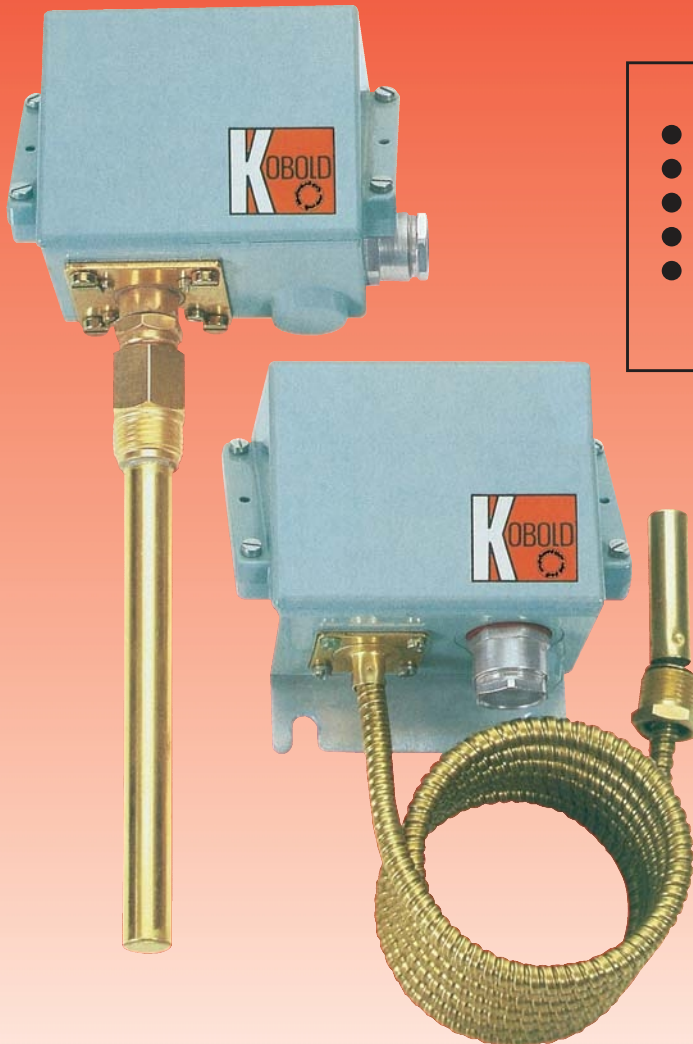


DTS TEMPERATURE SWITCHES



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

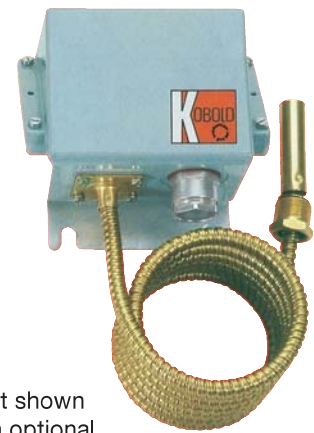
Capillary Tube

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"