

Snap-Action Temperature Switches



TSW-TM-1C-130R/WL shown actual size.

TSW-TM Series



- ✓ High-Quality Snap-Action Switch
- ✓ 5 Amp Contacts
- ✓ Utilizes Bellows Mechanism to Sense Temperature
- ✓ Shock and Vibration Resistant
- ✓ 1/2 NPT Mounting Threads
- ✓ Factory Preset Temperature
- ✓ Economical and Compact
- ✓ NEMA 4, 13

OMEGA's TSW-TM Series high quality temperature switches utilize a bellows mechanism to sense temperature and are perfect for applications that require an economical solution to simple temperature control. All switches activate with a rise in temperature and are shock and vibration resistant. TSW-TM Series offer a wide range of temperature pre-set values to select from.

Specifications

Set Point Range: 4 to 149°C (40 to 300°F)

Set Point Tolerance: ±2.8°C (5°F)

Maximum Operating Temperature: 37.7°C (100°F) above set point [163°C (325°F) maximum]

Differential: -13.3 to -8.8°C (8 to 16°F)

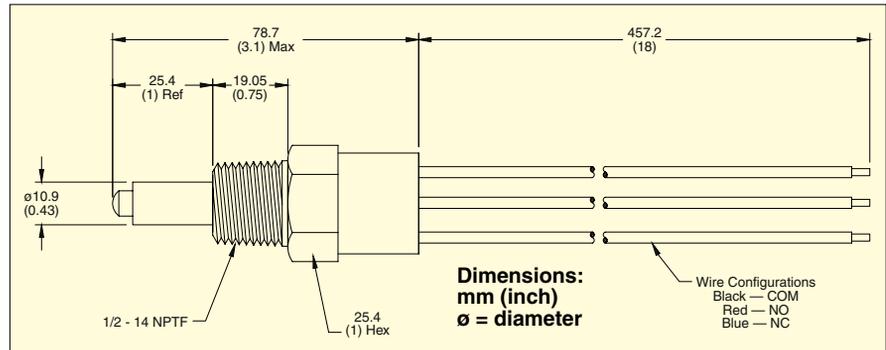
Current Rating: 5 A @ 250 Vac, 5 A @ 30 Vdc (resistive)

Media Connection: 1/2 NPT male threads

Circuit Form: SPDT

Electrical Connection: 457 mm (18") wire leads

Maximum External Pressure: 500 psi



To Order

Model No.	Description
TSW-TM-1C-40R/WL	SPDT contacts, 4°C (40°F)
TSW-TM-1C-50R/WL	SPDT contacts, 10°C (50°F)
TSW-TM-1C-60R/WL	SPDT contacts, 15°C (60°F)
TSW-TM-1C-70R/WL	SPDT contacts, 21°C (70°F)
TSW-TM-1C-80R/WL	SPDT contacts, 27°C (80°F)
TSW-TM-1C-90R/WL	SPDT contacts, 32°C (90°F)
TSW-TM-1C-100R/WL	SPDT contacts, 38°C (100°F)
TSW-TM-1C-110R/WL	SPDT contacts, 43°C (110°F)
TSW-TM-1C-120R/WL	SPDT contacts, 49°C (120°F)
TSW-TM-1C-130R/WL	SPDT contacts, 54°C (130°F)
TSW-TM-1C-140R/WL	SPDT contacts, 60°C (140°F)
TSW-TM-1C-150R/WL	SPDT contacts, 65°C (150°F)
TSW-TM-1C-160R/WL	SPDT contacts, 71°C (160°F)
TSW-TM-1C-170R/WL	SPDT contacts, 77°C (170°F)
TSW-TM-1C-180R/WL	SPDT contacts, 82°C (180°F)
TSW-TM-1C-190R/WL	SPDT contacts, 88°C (190°F)
TSW-TM-1C-200R/WL	SPDT contacts, 93°C (200°F)
TSW-TM-1C-210R/WL	SPDT contacts, 99°C (210°F)
TSW-TM-1C-220R/WL	SPDT contacts, 104°C (220°F)
TSW-TM-1C-230R/WL	SPDT contacts, 110°C (230°F)
TSW-TM-1C-240R/WL	SPDT contacts, 115°C (240°F)
TSW-TM-1C-250R/WL	SPDT contacts, 121°C (250°F)
TSW-TM-1C-260R/WL	SPDT contacts, 127°C (260°F)
TSW-TM-1C-270R/WL	SPDT contacts, 132°C (270°F)
TSW-TM-1C-280R/WL	SPDT contacts, 138°C (280°F)
TSW-TM-1C-290R/WL	SPDT contacts, 143°C (290°F)
TSW-TM-1C-300R/WL	SPDT contacts, 149°C (300°F)