



T4-Series Temperature Switch

Part No. [T424T05030150/260F](#)Part No. [T424TS0270/100F](#)

The Ashcroft T4-Series temperature switch offers precision and reliability in the toughest industrial applications. Designed with a NEMA 4X and IP66 rating, this switch stands up to harsh environments, resisting water, dust, and corrosion, making it perfect for industrial, process, and outdoor applications. Featuring Ashcroft's renowned accuracy, an easily adjustable setpoint, and a durable, compact build; the T4-Series delivers reliable and consistent performance.

Applications

- Petrochemical
- Pulp and paper mills
- Water and waste water
- Pumps, compressors, and turbines
- Boilers and burners
- Recovery systems
- Degreasers and evaporators
- Hydraulic and lubrication systems
- Heating and air conditioning
- Marine equipment
- Reverse osmosis
- OEM equipment

Features

- Easy mechanical set point adjustment
- Setpoint locking screw
- Broad setpoint and deadband ranges to fit almost any application
- Wall mountable (*remote mount version only*)
- 15A SPDT contact
- NEMA 4X, and IP66

Scan or click on the QR code for the manufacturer's installation and maintenance instructions.



Ashcroft T4-Series Technical Specifications

Part Number	Nominal Range		Deadband ¹ °F	Output	Process Connection	Probe Length/ Bulb Length	Thermowell “U” Length ²	Drawing Link	Price
	°F	°C							
T424TS027-40/60F	−40 to +60	−40 to +16	3.0–8.0	1 SPDT	1/2in male NPT	2-3/4	N/A	PDF	\$459.00
T424TS0270/100F	0 to 100	−20 to +40	5.0–12.0					PDF	\$459.00
T424TS02775/205F	75 to 205	20 to 95	8.0–16.0					PDF	\$459.00
T424TS027150/260F	150 to 260	65 to 125	5.0–12.0					PDF	\$459.00
T424TS027235/375F	235 to 375	110 to 190	5.0–12.0					PDF	\$459.00
T424TS060-40/60F	−40 to +60	−40 to +16	3.0–8.0	1 SPDT	1/2in male NPT	6in	4-1/2in	PDF	\$475.00
T424TS0600/100F	0 to 100	−20 to +40	5.0–12.0					PDF	\$475.00
T424TS06075/205F	75 to 205	20 to 95	8.0–16.0					PDF	\$475.00
T424TS060150/260F	150 to 260	65 to 125	5.0–12.0					PDF	\$475.00
T424TS060235/375F	235 to 375	110 to 190	5.0–12.0					PDF	\$475.00
T424TS060350/525F	350 to 525	176.7 to 273.9	8.0–16.0					PDF	\$475.00
Remote Mount with 5ft cable									
T424T05030-40/60F	−40 to +60	−40 to +16	3.0–8.0	1 SPDT	N/A	3in	2-1/2in	PDF	\$483.00
T424T050300/100F	0 to 100	−20 to +40	5.0–12.0					PDF	\$483.00
T424T0503075/205F	75 to 205	20 to 95	8.0–16.0					PDF	\$483.00
T424T05030150/260F	150 to 260	65 to 125	5.0–12.0					PDF	\$483.00
T424T05030235/375F	235 to 375	110 to 190	5.0–12.0					PDF	\$483.00
T424T05030350/525F	350 to 525	176.7 to 273.9	8.0–16.0					PDF	\$483.00

1. Due to the mechanical design of the switch, the actual deadband will vary from one switch to another but will be within the specified deadband range. Generally, the expected deadband for a setpoint at the lower end of the range will trend towards the lower end for the deadband range. The deadband for a setpoint at the upper end of the range will trend towards the upper end for the deadband range.

2. N/A with 2-3/4" or 4" direct mount bulb length.



T4-Series Temperature Switches

General Specifications

Ashcroft T4-Series General Specifications	
Setpoint	Field adjustable
Setpoint Repeatability	±1% of full scale
Enclosure Material	Epoxy-coated aluminum
Enclosure Rating	NEMA 4X, IP66
Contact Rating	SPDT 15A, 125/250/480 VAC
Electrical Connection	3/4in NPT female
Remote Mount Probe Spiral Armor	302 Stainless Steel
Wetted Material	316 Stainless Steel

Scan or click on the QR code for the manufacturer's installation and maintenance instructions.



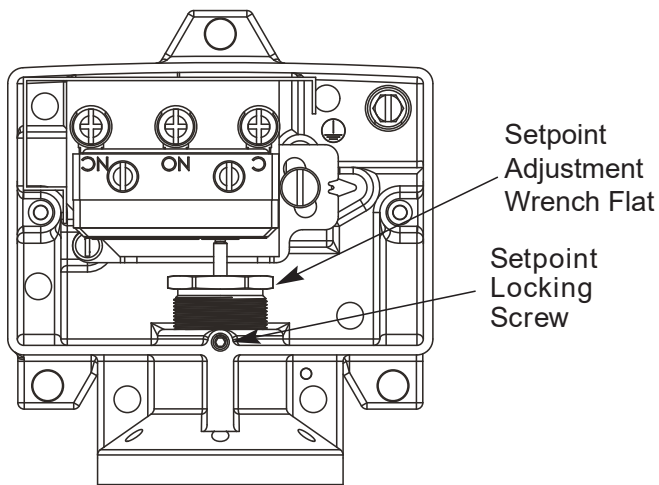
Maximum Temperature

Max Temperature		
Part Number	Temperature Range	Max Temp
T424TS027-40/60F	-40 to +60 °F	400 °F [204.4 °C]
T424TS0270/100F	0–100 °F	
T424TS02775/205F	75–205 °F	
T424TS027150/260F	150–260 °F	
T424TS027235/375F	235–375 °F	500 °F [260 °C]
T424TS060-40/60F	-40 to +60 °F	400 °F [204.4 °C]
T424TS0600/100F	0–100 °F	
T424TS06075/205F	75–205 °F	
T424TS060150/260F	150–260 °F	
T424TS060235/375F	235–375 °F	500 °F [260 °C]
T424TS060350/525F	350–525 °F	700 °F [371.1 °C]
T424T05030-40/60F	-40 to +60 °F	400 °F [204.4 °C]
T424T050300/100F	0–100 °F	
T424T0503075/205F	75–205 °F	
T424T05030150/260F	150–260 °F	
T424T05030235/375F	235–375 °F	500 °F [260 °C]
T424T05030350/525F	350–525 °F	700 °F [371.1 °C]



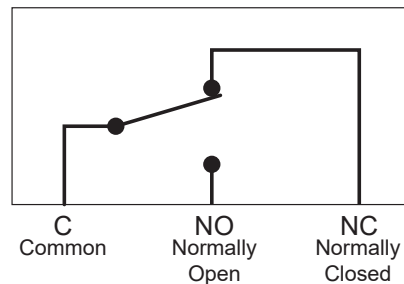
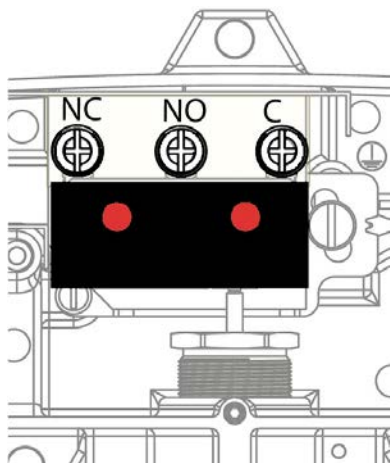
T4-Series Temperature Switch

Setpoint Adjustments



See www.Automationdirect.com for our wiring and cable solutions.

Electrical Connections



When the setpoint temperature is reached the switch will activate, connecting the C and NO terminals and disconnecting the C and NC terminals. When the temperature drops below the setpoint temperature (plus deadband temperature) the switch will deactivate, opening the C and NO terminals and reconnecting the C and NC terminals.