

Temperature Switch Gauge

Type TI.TSG60

- Temperature Switch Gauge
- Extremely Accurate
- Switch Rating up to 10 Amps



WIKAI's TI.TSG60 offers users an unprecedented combination of industrial strength performance with unmatched precision. This 6" gas actuated thermometer is accurate to within 1½% of scale and can tolerate up to 50% over range temperatures. Sealed inside the rugged stainless steel case are up to four single pole, double throw 10 amp switches for enabling a variety of switching actions. The thermal system is stainless steel, and filled with inert nitrogen making the TI.TSG60 ideal for steel and paper mills, refineries, petrochemical, and food and pharmaceutical plants.

Standard Features

- **Case and Bezel:** 304 Sstainless steel, 6.25" diameter
- **Case Style:** Bottom connected back flange
- **Process Connection:** ¾" x 3" 316 stainless steel bulb with 12" or 18" bendable extension, and ½" NPT one-time compression fitting
- **Window:** Lexan®
- **Range:** 11 standard ranges available. See "How to Order" on next page
- **Over Range:** 50% up to 500°F, except 10% on 0 -120°C and 0 - 250°F
- **Capillary:** Stainless steel with stainless steel interlocking armor; up to 99'
- **Switch Rating:** 10 amp @ 125/250 VAC, non-inductive; 5 amp @ 120 VAC, inductive; ½ amp @ 125 VDC, non-inductive; ¼ amp @ 250 VDC, non-inductive

Datasheet: [TI.TSG60](#)

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Ordering Gas Temperature Switch Gauge

Sample Part Number: TSG60 08 3 A3 X7 25 SG WI

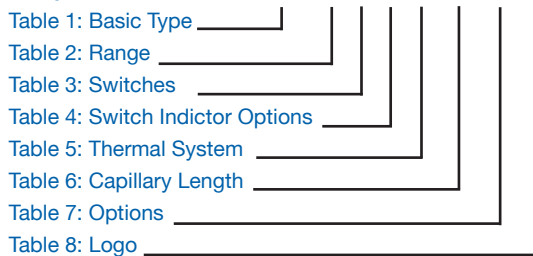


Table 1 - Type

Code	Description
TI.TSG60	6" back flange temperature switch gauge with Conxall Connector Harness 5" wire length

Table 2 - Range

Code	Description	Code	Description
01 ⁽¹⁾	-450/50°F	07	0/1000°F
02 ⁽¹⁾	-320/200°F	08	-20/120°
03	0/250°F	09	-20/160°C
04	-50/350°F	10	-20/180°C
05	50/550°F	11	-20/200°C
06	50/750°F		

⁽¹⁾ Setup charge per lot, refer to price list

Table 3 - Switches

Code	Description
1	One adjustable switch (amphenol connector)
2	Two adjustable switches (amphenol connector)
3	Three adjustable switches (amphenol connector)
4	Four adjustable switches (amphenol connector)

Table 4 - Standard Switch Indicator Options

Code	Description
A1	Center switch indicator (1 switch)
A2	Right & left switch indicators (2 switches)
A3 ⁽²⁾	Right, left & center switch indicators (3 switches)
A4 ⁽²⁾	Right, left, right, left switch indicator (4 switches)

⁽²⁾ For adjacent switches, right and left side indicators will allow for closest proximity of switch settings.

Table 5 - Thermal System

Code	Description
X7	$\frac{3}{8}$ "x3" bulb w/12" bendable extension, $\frac{1}{2}$ " NPT one-time adjustable compression fitting
X8	$\frac{3}{8}$ "x3" bulb w/18" bendable extension, $\frac{1}{2}$ " NPT one-time adjustable compression fitting

Table 6 - Capillary Length

Code	Description
XX	Capillary length in feet

Table 7 - Options

Code	Description
SG	Safety glass
EX	Explosion proof

Table 8 - Logo

Code	Description
EH WI	WIKAI
EH BL	Blank

ABBREVIATIONS

N/C - there is no charge for this option

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