

# 76.TS Temperature Switch

ys6424  
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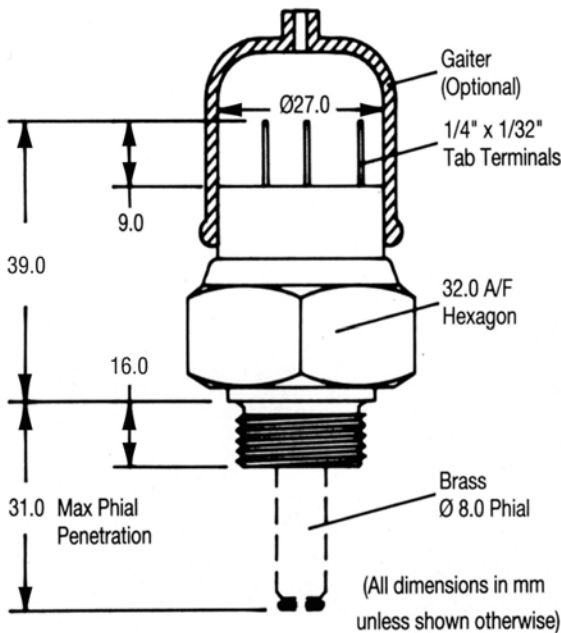
- Rugged, compact design
- Extended duty applications
- SPDT contacts
- IP65 protection

## Description

A compact and economical temperature switch for signalling high temperature faults, the 76.TS is ideally suited for direct mounting to engines, pumps, compressors and gearboxes.

The SPDT switch contacts are factory set to operate at 105°C rising. Connection to the contacts is via 1/4" (6.25mm) blade terminals.

## Dimensions



## How to order

Stock code	Description
76.TS.D105	76.TS switch, 1/2" NPTF, 105°C rising
76.TS.BOOT	rubber terminal boot/gaiter for above

Special temperature settings and thread sizes are available for volume orders. Please contact our sales office for details.

## Product specification

Temperature ratings:	
operating range	20 to 140°C
switch setting	non-adjustable, 105°C rising
switch differential	auto reset at approx. 9°C below rising switch setting
tolerance	+/- 3.0 °C
Contacts:	
contact type	SPDT contacts
contact ratings	5A max @ 24VDC (resistive) 2A max @ 24VDC (inductive)
connection terminals	1/4" (6.35 mm) blades
Physical:	
body type/material	32 A/F hex, passivated steel, zinc plated
diaphragm material	stainless steel
bulb material	brass
max external bulb pressure	12 bar / 174 psi / 1200 kPa
process connection	1/2" NPTF
max. tightening torque	60 Nm
max. body temperature	120°C
acceleration	8g max
weight	approx 140g

## Warranty

A one year limited warranty on materials and workmanship is given with this product. Details are available on request and at [www.fwmurphy.co.uk/warranty](http://www.fwmurphy.co.uk/warranty).



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