

## High temperature switches

### DESCRIPTION:

Immersion type temperature switch with a hermetically sealed electrically isolated case capable of sustaining high shock and vibration levels. Operating temperature range of up to 260°C.

### APPLICATION:

Exhaust gas temperature switch. Introduced as part of the intrinsically safe sensor circuit for the Chalwyn Series 110 and Series 210 automatic engine shut down control systems.

### SETTING:

Three standard settings	Part Code
200°C ± 5.6°C	TSX-200
150°C ± 5.6°C	TSX-150
135°C ± 4.4°C	TSX-135

Tighter tolerance/alternative settings available by special order.

### PRESSURE EXPOSURE UNIT:

100 bar maximum.

### LEADS:

Permanently fitted "flying" leads 4m long as follows:-  
 TSX-200; #18 stranded (Teflon, ceramic and glass composite insulation).  
 TSX-135 & TSX-150; # 18 stranded UL 1199/CSA approved (TFE insulation).

### CONTACTS:

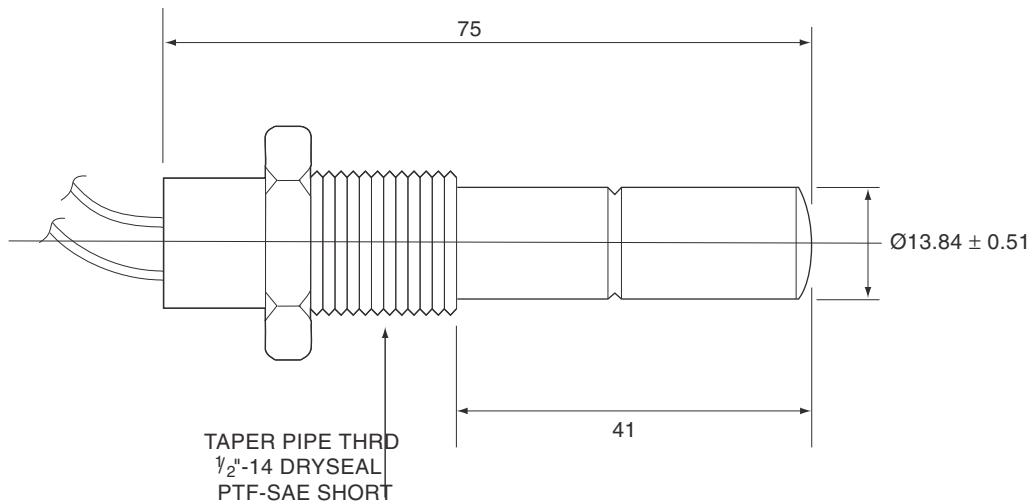
Fine silver

### BODY MATERIAL:

Stainless steel.

### INSULATION RESISTANCE:

60 MΩ at 500Vdc.



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Dimensions given in mm.

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