



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:

 $\begin{array}{lll} \mbox{Three standard settings} & \mbox{Part Code} \\ 200^{\circ}\mbox{C} \pm 5.6^{\circ}\mbox{C} & \mbox{TSX-200} \\ 150^{\circ}\mbox{C} \pm 5.6^{\circ}\mbox{C} & \mbox{TSX-150} \\ 135^{\circ}\mbox{C} \pm 4.4^{\circ}\mbox{C} & \mbox{TSX-135} \\ \end{array}$

Tighter tolerance/alternative settings available by special order.

INSULATION RESISTANCE:

 $60 \text{ M}\Omega$ at 500 Vdc.

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)

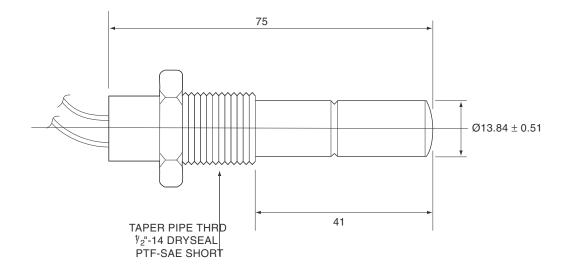
TSX-135 & TSX-150; # 18 stranded UL 1199/CSA approved (TFE insulation).

CONTACTS:

Fine silver

BODY MATERIAL:

Stainless steel.



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Dimensions given in mm.

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