

Ex ia RTD Sensors  
 Not less than 1,000 Megohms tested at the following voltages/size.

RTD Sensors - PT100 OHM - Alpha 0.00385  
 6mm diameter                    1,000 V DC  
 3mm diameter                    1,000 V DC


Ex ia

"The above sensors have been subject to the following test compliance with AS/NZS 60079.11:2006 Explosive Atmospheres Part 11 Equipment Protection by intrinsic safety 'i' .  
 Section 6.3.12 Dielectric strength requirement  
 "500 VAC RMS TEST VOLTAGE OF INSULATION RESISTANCE BETWEEN CONDUCTORS OR CONDUCTORS & SHEATH FOR 2 MINUTES"

### MIMS WITH POT - SEE SD 278 Ex ia

- |  |                                   |
|--|-----------------------------------|
| <input type="checkbox"/> 3 WIRE SINGLE | <input type="checkbox"/> CLASS B  |
| <input type="checkbox"/> 4 WIRE SINGLE | <input type="checkbox"/> CLASS A  |
| <input type="checkbox"/> 6 WIRE DUPLEX | <input type="checkbox"/> 1\10 DIN |

### RTD PT100 SENSOR BASIC ASSEMBLY

<b>TEMPERATURE CONTROLS PTY LTD</b>		Certificate No: QEC 14412 ISO 9001	
<b>CONDITIONS</b> THIS DRAWING IS OUR EXCLUSIVE PROPERTY AND MUST NOT BE COPIED OR HANDED TO ANY OTHER PARTIES WITH OUT WRITTEN PERMISSION. IT SHALL BE RETURNED UPON REQUEST		SYDNEY : 7 YAMMA ST SEFTON , NSW 2162 PHONE : (02) 9721 8644 FAX : (02) 9738 9339 MELBOURNE : 8/280 Whitehall St YARRAVILLE VIC 3013 PHONE : (03) 9687 0000 FAX : (03) 9687 1900 EMAIL : sales@temperature.com.au	
			
TITLE		TITLE	
SIZE : A4	DATE : 16/09/10	<b>DWG NO : SD 145 Ex ia</b>	
SCALE : NTS	DRAWING BY R.B	<b>REV : 01</b>	