

Ex ia

Sensor Tested: Suitable for use as
Simple Apparatus
 Serial No XXXX


SPECIFICATIONS					
TEST	REQUESTED VALUE	MEASURED VALUE	RESULT		
5	FS001 - Conductors continuity test				POSITIVE
10	FS002 - Insulation Resistance core/core	$\geq 20 \text{ Mohm}\times\text{Km}$	100		POSITIVE
15	FS003 - No of wire / wire diameter				POSITIVE
20	FM001 - Dimensional Test	$= 4.5 \text{ mm}$ $-0.1 \ 0.1$	4.50	4.55	POSITIVE
25	FS018 - Polarity Test				POSITIVE
30	FS019 - Color Code Test				POSITIVE
35	FM029 - Insulation Resistance core/screen	$\geq 20 \text{ Mohm}\times\text{Km}$	100		POSITIVE
40	Resistance conductor	$\leq 91.61 \text{ Ohm/Km}$	87		POSITIVE
45	Inductance loop	$\leq 2.10 \text{ mH/Km}$	2		POSITIVE
50	Capacitance	$\leq 65 \text{ nF/Km}$	64		POSITIVE

3 WIRE RTD PT100 - DUPLEX

Ex ia

Compliance with ANSI AS/NZS 60079. 11.2006 Explosive Atmospheres, Intrinsic safety Ex ia (1047 RTD & TC)

TEMPERATURE RANGE -200 / 500°C

TEMPERATURE CONTROLS PTY LTD		Certificate No: QEC 14412 AS/NZS 9001:2000	
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TITLE			
SIZE : A4	DATE : 05/09/12	DWG NO : SD 6023	
SCALE : NTS	DRAWING BY R.B	REV : 00	