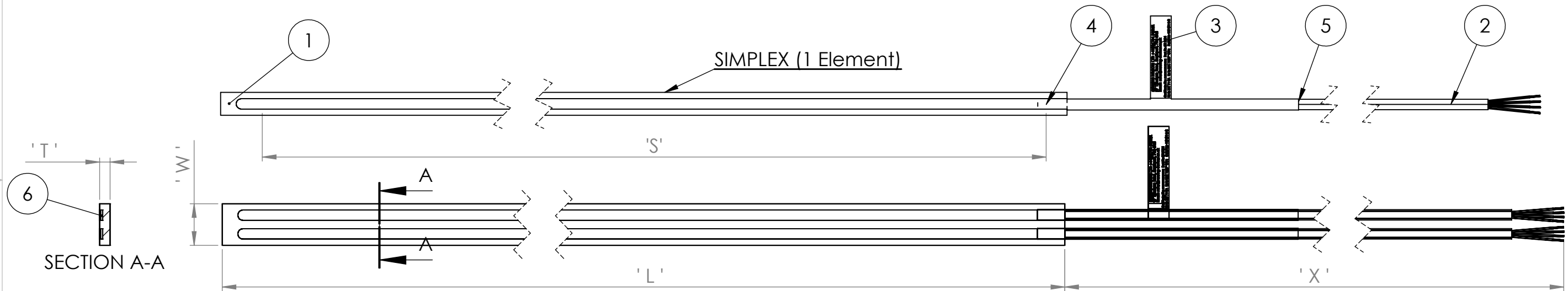


ITEM NO.	DESCRIPTION	QTY. (Simplex)	QTY. (Duplex)
1	Insulation Material B32 Class F & H / G11 Class F	1	1
2	Data transfer cable ≤10 Mtrs	1	2
	4 Core 7/0.127 FEP/FEP (KCB040007)		
	4 Core 19/0.102 FEP/FEP (KT2619-4CFJ9-SPC-2,2,9,9)		
	3 Core 19/0.102 FEP/FEP (KT2619-3CFJ9-SPC-2,2,9)		
	3 Core 7/0.200 FEP/FEP (KT247-3CFJ9-SPC-2,2,9)		
	3 Core 19/0.102 FEP (Triple Twisted) (CD15321)		
3	Label	1	1
4	PT100 Sensing Element (100 OHM @ 0°C) Class A / Class B, NI100/NI120 Sensing Element (100/120 Ohms) Cu10 ohms @ 25°C / Cu100 ohms @ 0°C	1	2
5	NFRC Clear Shrink Sleeve	1	2
6	Araldite 2014-1		

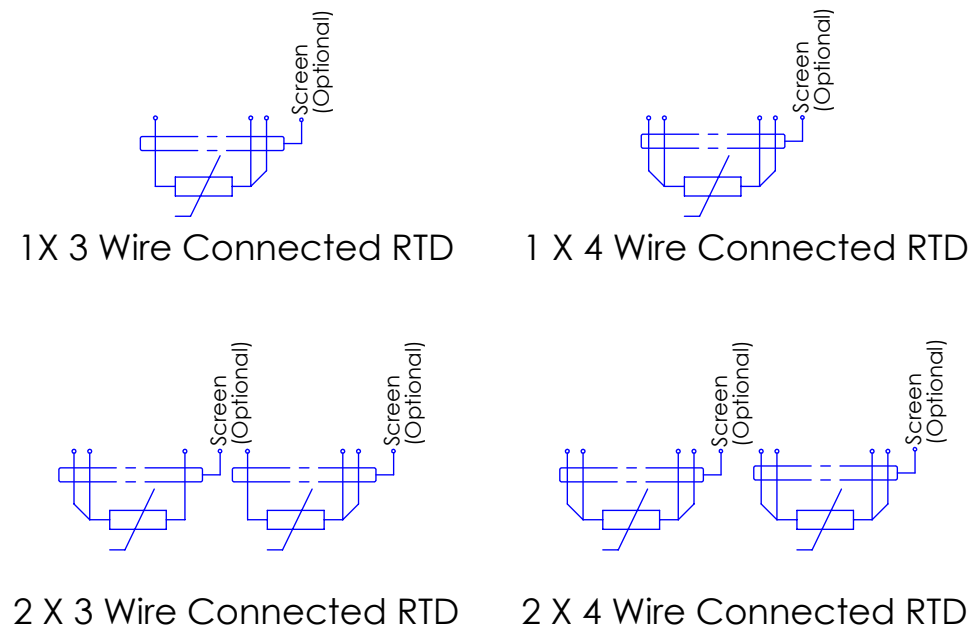
CERTIFICATE SCHEDULE DRAWING
 Absolutely NO modification permitted
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 Certificate No: CML 15ATEX3052U

NOTE FOR ALL PARTS

1. All materials to withstand max continuous temperature of 155°C -Class F / 180°C-Class H
2. All materials to withstand 180°C for 24 hours during treatment.
3. Each detector to be high voltage tested to 2KV RMS at 60HZ for 1 min when applied between leads & an earth electrode, applied over encapsulated element including a minimum of 25mm of free insulated leads.
4. Sensor Element Conforms to Relevant Standard
5. Each Detector to be identified with a unique serial No



Dimensions		Minimum	Maximum
Length	'L'	50mm	1500mm
Width	'W'	8mm	N/A
Thickness	'T'	2.4mm	N/A
Cable Length	'X'	500mm	10,000mm
Sensing Length	'S'	2mm	508mm



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MM
 TOLERANCES:
 FRACTIONAL ±0.5
 ANGULAR: MACH ± 0.5° BEND ±1°
 TWO PLACE DECIMAL ±0.5
 THREE PLACE DECIMAL ±0.1

INTERPRET GEOMETRIC TOLERANCING PER:
 MATERIAL
 FINISH
 DO NOT SCALE DRAWING

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REV	BY	DATE	REASON FOR REVISION
B	RJB	22/01/16	Maximum Working Temperature added

DRAWN: RJB DATE: 13/04/2015
SENSING DEVICES LTD
Ex e Stator RTD
 DWG. NO. **SD01533** REV **B**
 SCALE: N.T.S. SHEET 1 OF 3

CERTIFICATE SCHEDULE DRAWING
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SENSING DEVICES LTD +44 (0)1704 546161
 97 Tithebarn Road, Southport, PR8 6AG, UK
 Email: sales@sensing-devices.co.uk
 IECEx Certificate No: IECEx CML 15.0027U
 ATEX Certificate No: CML 15ATEX3052U
 Part No SD01533 Stator RTD
 Ex e IIC Gb
 V = 60V, I = 2mA, P = 10mW
 Max Working Temperature: Class F = 155°C



Serial No 440434-1-2

(2) QUANTITY (eg 2 of 10)

(1) ITEM No

(0434) ORDER No

(44) YEAR

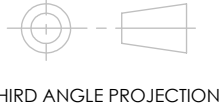
Note: Temperature class to suit application

REV	BY	DATE	REASON FOR REVISION
B	RJB	22/01/16	Maximum Working Temperature added
DRAWN			NAME
RJB			DATE
13/04/2015			SENSING DEVICES LTD
TITLE:			
Ex e Stator RTD			
DWG. NO.		REV	
SD01533		B	
SCALE: N.T.S.		SHEET 2 OF 3	

UNLESS OTHERWISE SPECIFIED:
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 THREE PLACE DECIMAL ±0.1

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THIRD ANGLE PROJECTION

Part No: SD01533 Rev B	/X	/X	/X	/X	/X	/X	/XX.X	/XXXX	/XXX	/XXX	/XX
Construction of Element											
Layer Wound		LW									
Flat Film		FF									
Sensing Element Material											
Pt Class A			PtA								
Pt Class B			PtB								
Ni100			Ni100								
Ni120			Ni120								
Cu10 Ohms @ 25°C			Cu10								
Cu 100 Ohms @ 0°C			Cu100								
No of Elements											
1x				1							
2x				2							
No of Conductors											
1 x 3 Wire					1x3						
1 x 4 Wire					1x4						
2 x 3 Wire					2x3						
2 x 4 Wire					2x4						
Cable Type											
4 Core 7/0.127 FEP/ FEP (KCB040007)						A					
4 Core 19/0.102 FEP / FEP (KT2619-4CFJ9-SPC-2,2,9,9)						B					
3 Core 19/0.102 FEP / FEP (KT2619-3CFJ9-SPC-2,2,9)						C					
3 Core 7/0.2 FEP / FEP (KT247-3CFJ9-SPC-2,2,9)						D					
3 Core 19/0.102 FEP (Triple Twisted) (CD15321)						E					
Width ' W '							' W '				
Thickness ' T '								' T '			
Length ' L '									' L '		
Sensing Length ' S '										' S '	
Cable Length ' X '											' X '

CERTIFICATE SCHEDULE DRAWING
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 Certificate No: CML 15ATEX3052U

NOTE: 3 and 4 core cables available
 with screen and or drain

Example:
 SD01533 Rev B / LW / PtB / 1 / 1x4 / A / 20 / 5 / 600 / 508 / 5000

Apparatus Electrical Parameters (Per Element)

$U_i = <60 \text{ V}$
 $I_i = <2 \text{ mA}$
 $P_i = <10 \text{ mW}$

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 THREE PLACE DECIMAL ±0.1

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B	RJB	22/01/16	Maximum Working Temperature added
REV	BY	DATE	REASON FOR REVISION
	NAME	DATE	SENSING DEVICES LTD
DRAWN	RJB	13/04/2015	
TITLE: Ex e Stator RTD			
DWG. NO.		REV	
SD01533		B	
SCALE: N.T.S.		SHEET 3 OF 3	



THIRD ANGLE PROJECTION