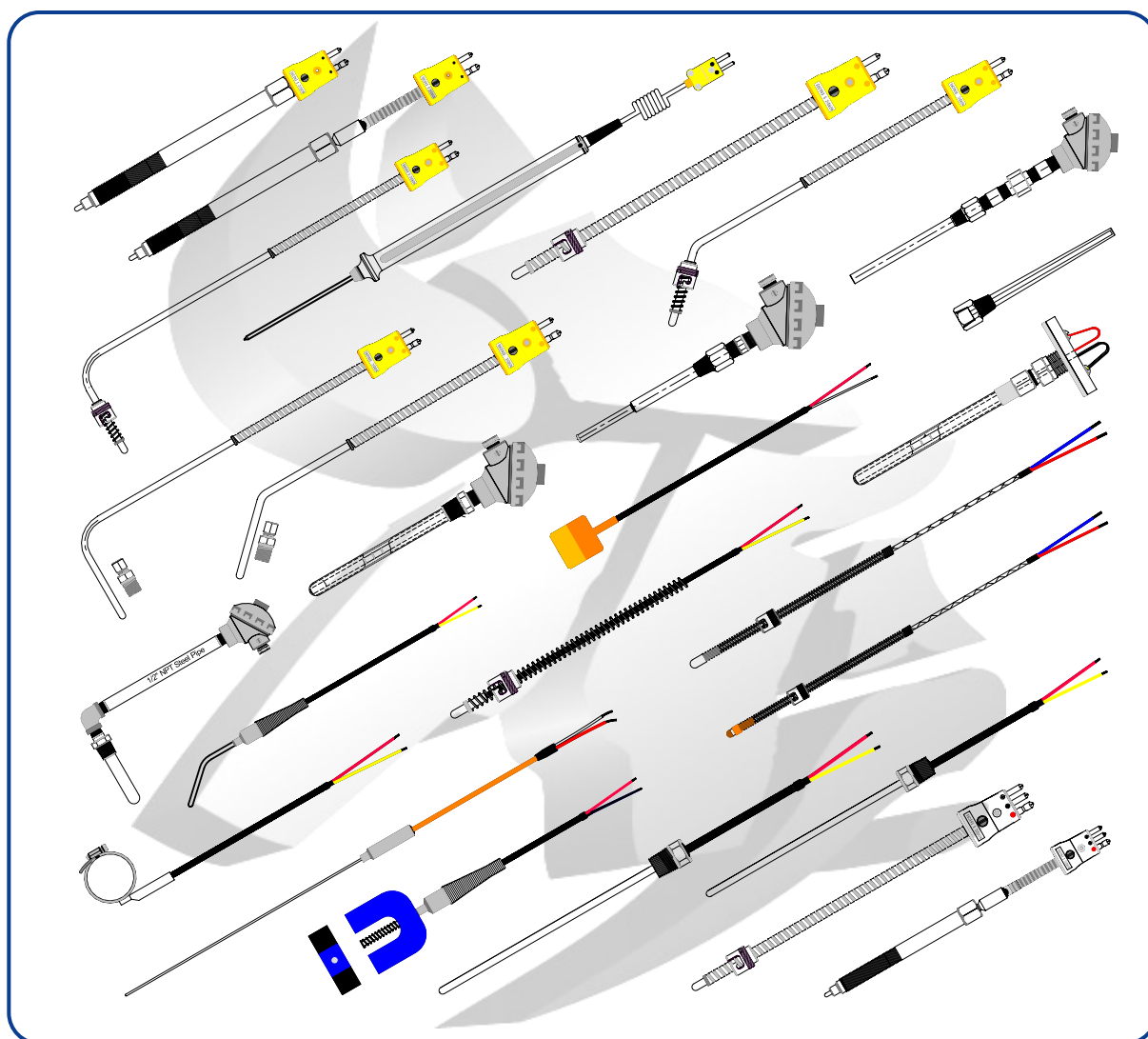




RTD's (Resistance Temperature Devices) for Plastics & Packaging Industry Applications



Nordic Sensors Industrial Inc.
6860 Louis-Sicard, Saint-Léonard, Québec, Canada H1P 1T7
Telephone: 1-888-667-3421 Fax: 1-888-867-9986
www.nordicsensors.com

TABLE OF CONTENTS

PLASTIC & PACKAGING INDUSTRY RTD's

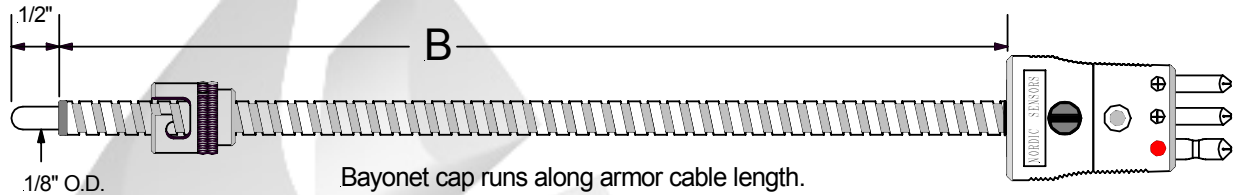
MODEL	DESCRIPTION	PAGE
1A	MINIATURE ADJUSTABLE BAYONET STYLE THERMOCOUPLE	27
2A	3/16" DIA. ADJUSTABLE BAYONET STYLE THERMOCOUPLE	28
3A	1/4" DIA. ADJUSTABLE BAYONET STYLE THERMOCOUPLE	29
1B	FIXED BAYONET STYLE THERMOCOUPLE - STRAIGHT	30
2B	FIXED BAYONET STYLE THERMOCOUPLE - 45 DEGREE BEND	31
3B	FIXED BAYONET STYLE THERMOCOUPLE - 90 DEGREE BEND	32
1C	TUBE & WIRE GEN. PURPOSE THERMOCOUPLE - STRAIGHT	33
2C	TUBE & WIRE GEN. PURPOSE THERMOCOUPLE - 45 DEGREE BEND	34
3C	TUBE & WIRE GEN. PURPOSE THERMOCOUPLE - 90 DEGREE BEND	35
4C	METRIC TUBE & WIRE GEN. PURPOSE THERMOCOUPLE - STRAIGHT	36
5C	METRIC TUBE & WIRE GEN. PURP. THERMOCOUPLE - 45 DEGREE BEND	37
6C	METRIC TUBE & WIRE GEN. PURP. THERMOCOUPLE - 90 DEGREE BEND	38
1D	NOZZLE BOLT STYLE THERMOCOUPLE	39
1E	RING TERMINAL STYLE THERMOCOUPLE	40
1F	BRASS SHIM STYLE THERMOCOUPLE	41
1G	PIPE CLAMP STYLE THERMOCOUPLE	42
1K	MELT BOLT STYLE THERMOCOUPLE (MINERAL INSULATED)	43
2K	RIGID MELT BOLT STYLE THERMOCOUPLE (MINERAL INSULATED)	44
3K	FIXED MELT BOLT STYLE THERMOCOUPLE (MINERAL INSULATED)	45
4K	ADJUSTABLE MELT BOLT STYLE THERMOCOUPLE (MINERAL INSULATED)	46

Plastic Industry RTD's

Miniature Adjustable Bayonet Style RTD

Armor cable outside diameter: 0.210"

Operating Temperature: -200 C to +250 C



Steps To Follow:

Model: 1A 1. 2. 3. 4. 5.

1.	Termination Type
0	3" Split Leads & 1/2" Bare Ends.
1	3" Slip Leads & Spade Lugs
2	Standard Male Plug (2 & 3 Wire config. only)
3	Standard Female Jack (2 & 3 Wire config. only)
4	Mini Male Plug (2 & 3 Wire config. only)
5	Mini Female Jack (2 & 3 Wire config. only)

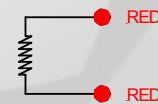
4.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

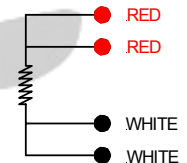
2.	Accessories
N	None
X	Bx Connector
C	Cable Clamp

5.	RTD Wire Connection
2	2 Wire Configuration
3	3 Wire Configuration
4	4 Wire Configuration

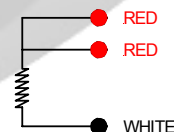
2 Wire Configuration



4 Wire Configuration



3 Wire Configuration



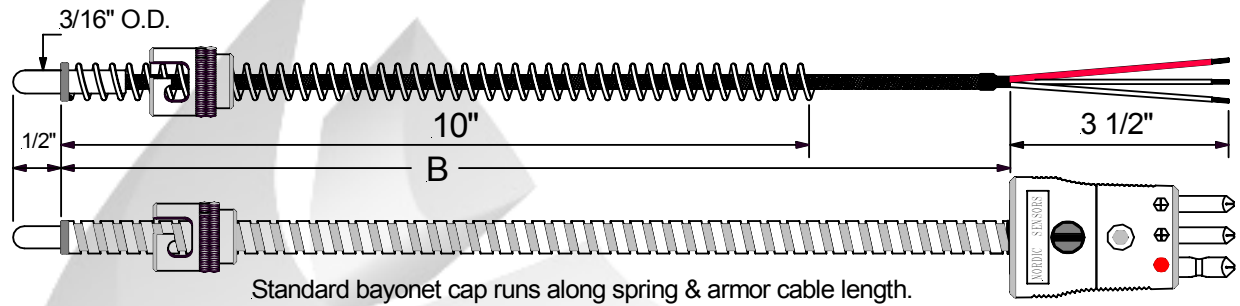
3.	"B" Dimension
	"B"= <u>0 4 8</u> "
	Leads Wire Length In Inches

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Plastic Industry RTD's

Adjustable Bayonet Style RTD

Low temperature application



Standard bayonet cap runs along spring & armor cable length.

Operating Temperature: -200 C to +250 C

2A

1. 2. 3. - 4. - 5. 6.

1.	Wire Description
S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

4.	"B" Dimension
	"B" = <u>0 4 8</u> "
	Leads Wire Length In Inches

2.	Termination Type
0	3" Split Leads & 1/2" Bare Ends.
1	3" Slip Leads & Spade Lugs
2	Standard Male Plug (2 & 3 Wire config. only)
3	Standard Female Jack (2 & 3 Wire config. only)
4	Mini Male Plug (2 & 3 Wire config. only)
5	Mini Female Jack (2 & 3 Wire config. only)

5.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

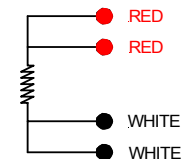
3.	Accessories
N	None
X	Bx Connector
C	Cable Clamp

6.	RTD Wire Connection
2	2 Wire Configuration
3	3 Wire Configuration
4	4 Wire Configuration

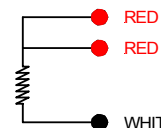
2 Wire Configuration



4 Wire Configuration



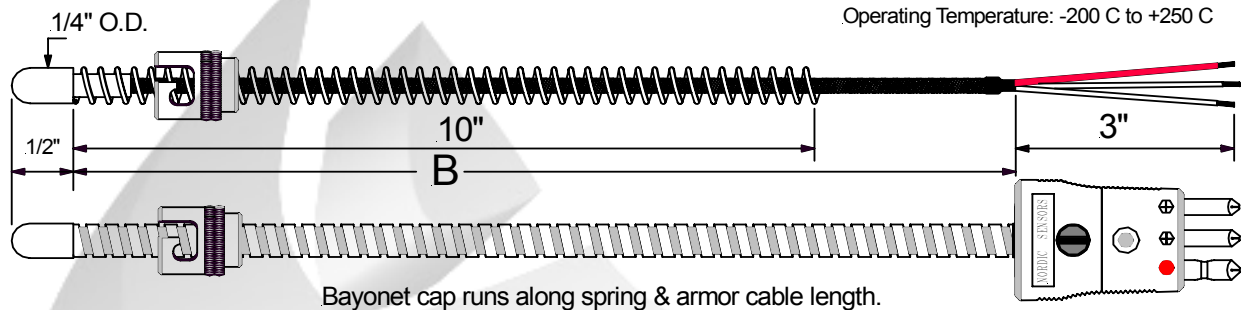
3 Wire Configuration



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Plastic Industry RTD's

1/4" Diameter Adjustable Bayonet Style RTD



Steps To Follow:

Model: **3A** ☐ 1. ☐ 2. ☐ 3. ☐ 4. ☐ 5. ☐ 6.

1.	Wire Description
S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

2.	Termination Type
0	3" Split Leads & 1/2" Bare Ends.
1	3" Slip Leads & Spade Lugs
2	Standard Male Plug (2 & 3 Wire config. only)
3	Standard Female Jack (2 & 3 Wire config. only)
4	Mini Male Plug (2 & 3 Wire config. only)
5	Mini Female Jack (2 & 3 Wire config. only)

3.	Accessories
N	None
X	Bx Connector
C	Cable Clamp

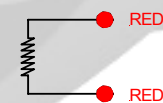
4.	"B" Dimension
	"B" = <u>0 4 8</u> "
	Leads Wire Length In Inches

5.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

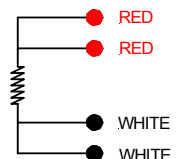
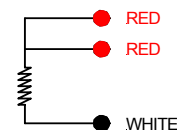
Temperature Coefficient: 0.00385
Platinum element
IEC 751

6.	RTD Wire Connection
2	2 Wire Configuration
3	3 Wire Configuration
4	4 Wire Configuration

2 Wire Configuration



3 Wire Configuration



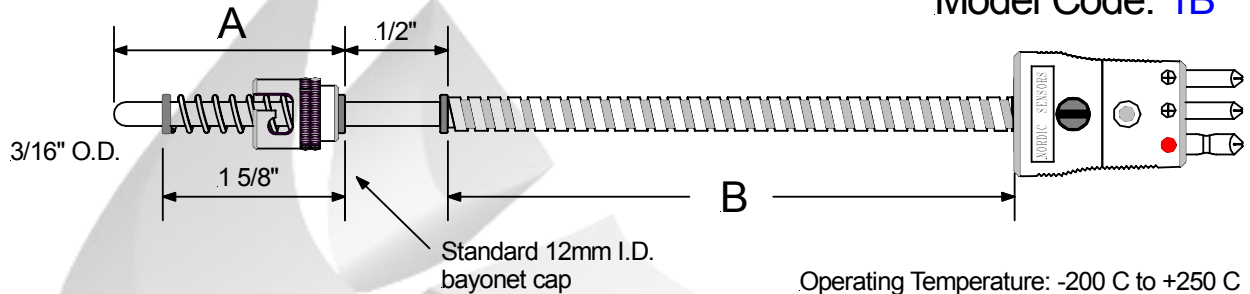
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Plastic Industry RTD's

Fixed Bayonet Style RTD.

Low temperature application

Model Code: **1B**



Steps To Follow:

Model: **1B** 1. - 2. 3. 4. - 5. - 6. 7.

1. **"A" Dimension**

"A"= <u>0 2</u> "
Insertion Length In Inches

2. **RTD Element Type**

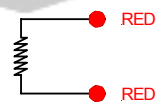
Ohms	Class A	Class B
1 x Pt100	<u>1</u>	<u>2</u>
2 x Pt100	<u>3</u>	<u>4</u>
1 x Pt1000	<u>5</u>	<u>6</u>
2 x Pt1000	<u>7</u>	<u>8</u>

Temperature Coefficient: 0.00385
Platinum element
IEC 751

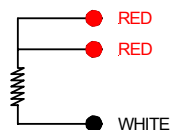
3. **RTD Wire Connection**

A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

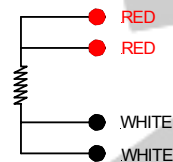
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



4. **Wire Description**

S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

5. **"B" Dimension**

"B"= <u>0 4 8</u> "
Leads Wire Length In Inches

6. **Termination Type**

A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

7. **Accessories**

1	None
2	Bx Connector
3	Cable Clamp

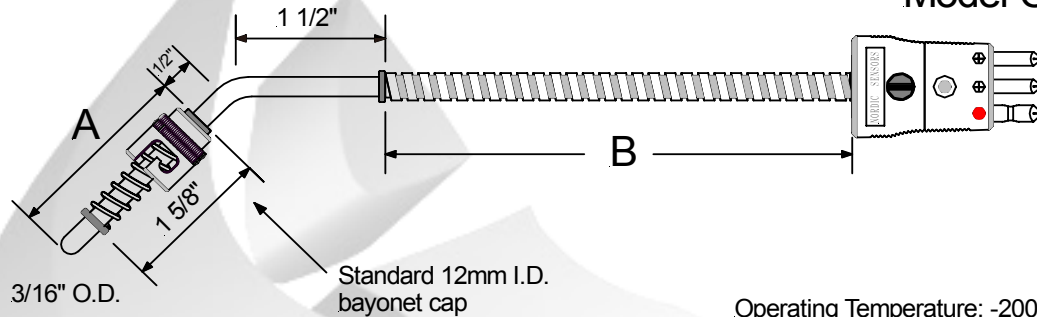
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Plastic Industry RTD's

Fixed Bayonet Style RTD. 45° Bend

Low temperature application

Model Code: **2B**



Operating Temperature: -200 C to +250 C

Steps To Follow:

Model: **2B** 1. 2. 3. 4. 5. 6. 7.

1. **"A" Dimension**

"A"= 0 2 "

Insertion Length In Inches

2. **RTD Element Type**

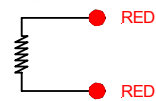
Ohms	Class A	Class B
1 x Pt100	1	2
2 x Pt100	3	4
1 x Pt1000	5	6
2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

3. **RTD Wire Connection**

A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

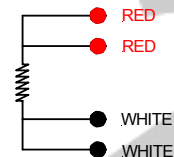
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



4. **Wire Description**

S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

5. **"B" Dimension**

"B"= 0 4 8 "

Leads Wire Length In Inches

6. **Termination Type**

A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

7. **Accessories**

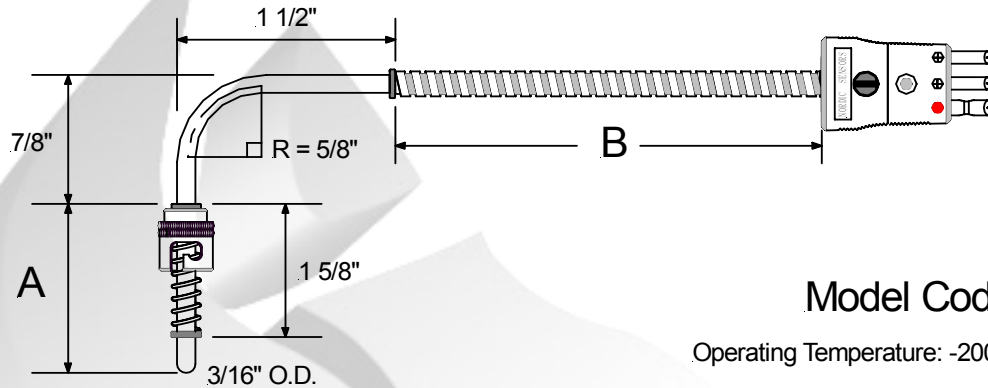
1	None
2	Bx Connector
3	Cable Clamp

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Plastic Industry RTD's

Fixed Bayonet Style RTD, 90° Bend

Low temperature application



Model Code: **3B**

Operating Temperature: -200 C to +250 C

Steps To Follow:

Model: **3B** 1. 2. 3. 4. 5. 6. 7.

1. "A" Dimension

"A"= 0 2 "

Insertion Length In Inches

2. RTD Element Type

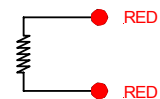
Ohms	Class A	Class B
1 x Pt100	1	2
2 x Pt100	3	4
1 x Pt1000	5	6
2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

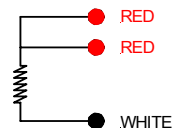
3. RTD Wire Connection

A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

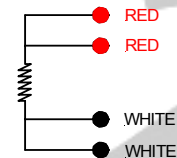
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



4. Wire Description

S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

5. "B" Dimension

"B"= 0 4 8 "

Leads Wire Length In Inches

6. Termination Type

A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

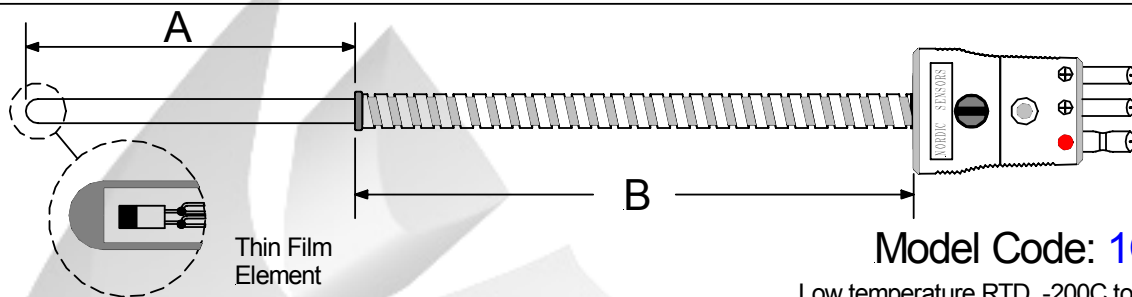
7. Accessories

1	None
2	Bx Connector
3	Cable Clamp

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Plastic Industry RTD's

Tube & Wire General Purpose RTD.



Model: **1C**

1.	2.	3.	4.	5.	6.	7.	8.
----	----	----	----	----	----	----	----

1.	Outside Diameter
A	1/8"
B	3/16"
C	1/4"

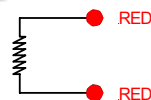
2.	"A" Dimension
"A" =	<u>0 2</u> "
	Insertion Length In Inches

3.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

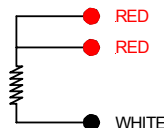
Temperature Coefficient: 0.00385
Platinum element
IEC 751

4.	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

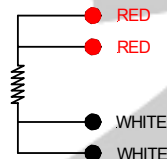
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



5.	Wire Description
S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

6.	"B" Dimension
"B" =	<u>0 4 8</u> "
	Leads Wire Length In Inches

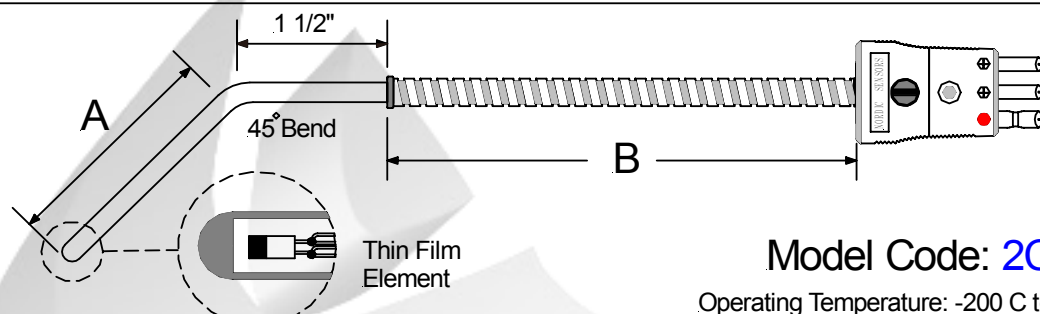
7.	Termination Type
A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

8.	Accessories
1	None
2	Bx Connector
3	Cable Clamp

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Plastic Industry RTD's

General Purpose RTD. 45° Bend



Model: **2C** 1. 2. 3. 4. 5. 6. 7. 8.

1.	Outside Diameter
A	1/8"
B	3/16"
C	1/4"

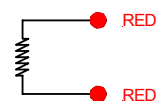
2.	"A" Dimension
"A"=	<u>0 2</u> "
	Insertion Length In Inches

3.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

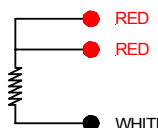
Temperature Coefficient: 0.00385
Platinum element
IEC 751

4.	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

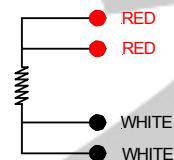
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



5.	Wire Description
S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

6.	"B" Dimension
"B"=	<u>0 4 8</u> "
	Leads Wire Length In Inches

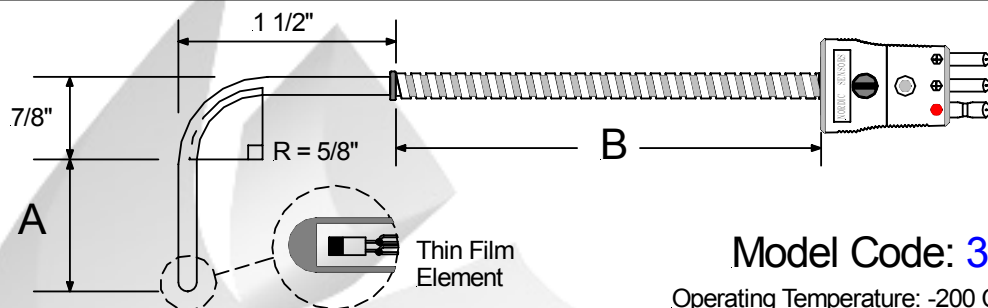
7.	Termination Type
A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

8.	Accessories
1	None
2	Bx Connector
3	Cable Clamp

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Plastic Industry RTD's

General Purpose RTD. 90° Bend



Model Code: **3C**
Operating Temperature: -200 C to +250 C

Model: **3C** 1. 2. 3. 4. 5. 6. 7. 8.

1.	Outside Diameter
A	1/8"
B	3/16"
C	1/4"

2.	"A" Dimension
"A"=	<u>0 2</u> "
	Insertion Length In Inches

3.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

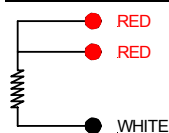
Temperature Coefficient: 0.00385
Platinum element
IEC 751

4.	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

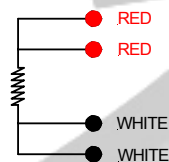
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



5.	Wire Description
S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

6.	"B" Dimension
"B"=	<u>0 4 8</u> "
	Leads Wire Length In Inches

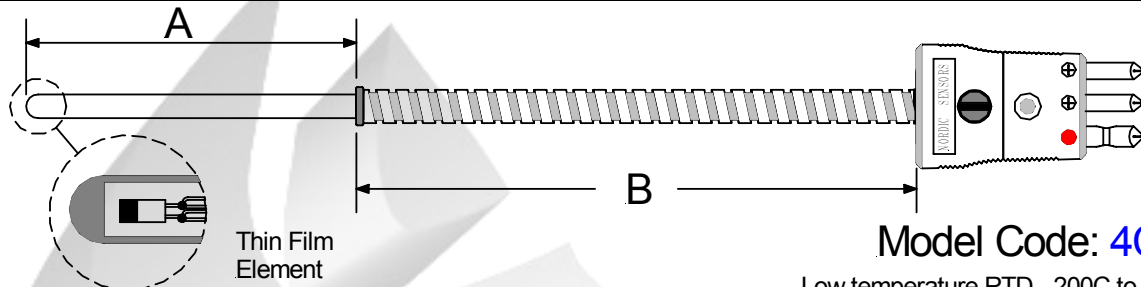
7.	Termination Type
A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

8.	Accessories
1	None
2	Bx Connector
3	Cable Clamp

Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Metric Size Tube & Wire General Purpose RTD



Model: **4C**

1.	2.	3.	4.	5.	6.	7.	8.
----	----	----	----	----	----	----	----

1.	Outside Diameter
A	3mm
B	4mm
C	5mm
D	6mm

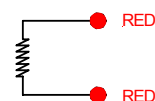
2.	"A" Dimension
	"A"= <u>1 5 0</u> "
	Insertion Length In mm

3.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

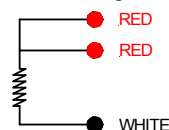
Temperature Coefficient: 0.00385
Platinum element
IEC 751

4.	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

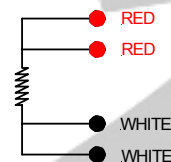
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



5.	Wire Description
S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

6.	"B" Dimension
	"B"= <u>0 1</u> "
	Leads Wire Length In Meters

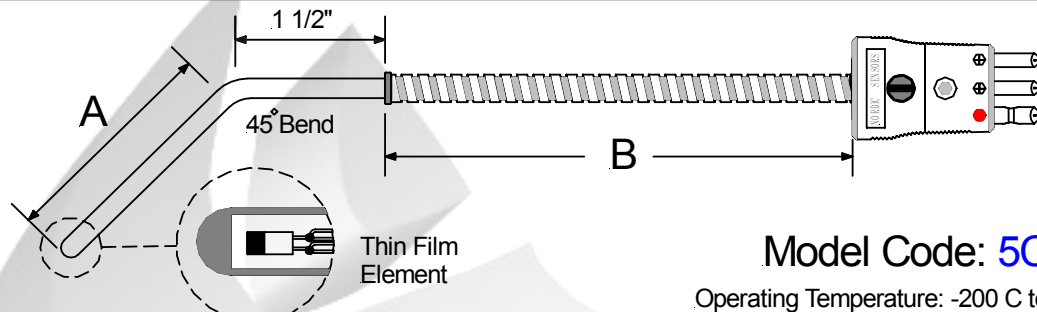
7.	Termination Type
A	90mm Split Leads & Bare Ends.
B	90mm Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

8.	Accessories
1	None
2	Bx Connector
3	Cable Clamp

Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Metric Size General Purpose RTD. 45 Bend



Model Code: **5C**

Operating Temperature: -200 C to +250 C

Model: **5C** -

1.	Outside Diameter
A	3mm
B	4mm
C	5mm
D	6mm

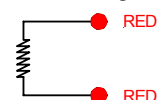
2.	"A" Dimension
	"A"= <u>1 5 0</u> "
	Insertion Length In mm

3.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

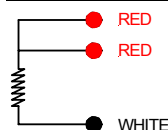
Temperature Coefficient: 0.00385
Platinum element
IEC 751

4.	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

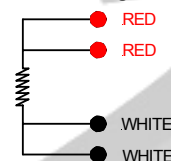
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



5.	Wire Description
S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

6.	"B" Dimension
	"B"= <u>0 1</u> "
	Leads Wire Length In Meters

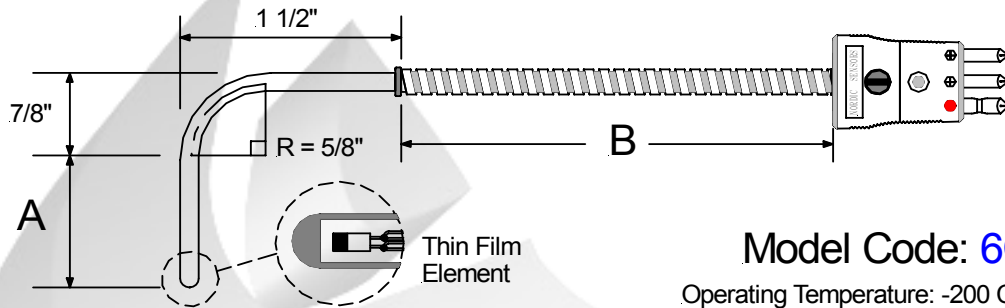
7.	Termination Type
A	90mm Split Leads & Bare Ends.
B	90mm Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

8.	Accessories
1	None
2	Bx Connector
3	Cable Clamp

Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

General Purpose RTD. 90° Bend



6C -

1. Outside Diameter

A	3mm
B	4mm
C	5mm
D	6mm

2. "A" Dimension

"A"= 1 5 0 "

Insertion Length In mm

3. RTD Element Type

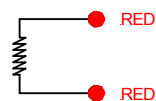
Ohms	Class A	Class B
1 x Pt100	1	2
2 x Pt100	3	4
1 x Pt1000	5	6
2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

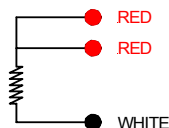
4. RTD Wire Connection

A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

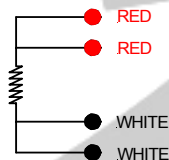
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



5. Wire Description

S	24 Gage Stranded Stainless Steel Braid
X	Flexible Armor Cable
F	24 Gage Stranded Fiberglass Cable
T	24 Gage Stranded Teflon Cable

6. "B" Dimension

"B"= 0 1 "

Leads Wire Length In Meters

7. Termination Type

A	90mm Split Leads & Bare Ends.
B	90mm Slip Leads & Spade Lugs
C	Standard Male Plug (2 & 3 Wire config. only)
D	Standard Female Jack (2 & 3 Wire config. only)
E	Mini Male Plug (2 & 3 Wire config. only)
F	Mini Female Jack (2 & 3 Wire config. only)

8. Accessories

1	None
2	Bx Connector
3	Cable Clamp

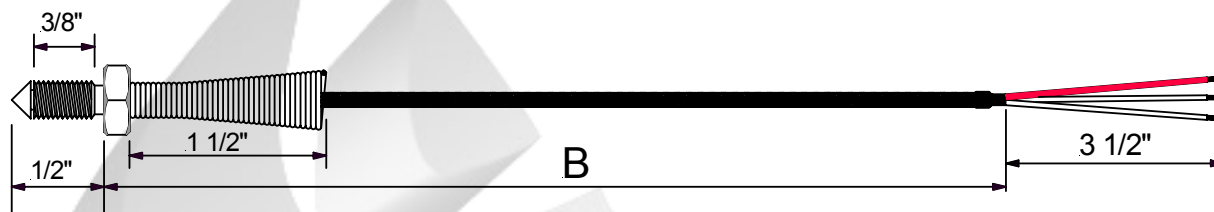
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Nozzle Bolt Style RTD

Model Code: **1D**

Operating Temperature: -200 C to +250 C



Model: **1D** -

1.	Nozzle Bolt Thread Size
1	1/4" x 28 UNF
2	M6 x 1mm
3	M6 x 1.25mm
4	M8 x 1mm
5	M8 x 1.25mm

2.	Wire Description
S	26 Gage, Stranded, Stainless Steel Braid
T	26 Gage, Stranded, Teflon
X	0.210 O.D., Flexible Armor, Teflon Wire
F	26 Gage, Stranded, Fiberglass Cable
C	0.210 O.D., Flexible Armor, Fiberglass Wire

3.	Termination Type
0	3" Split Leads & 1/2" Bare Ends.
1	3" Slip Leads & Spade Lugs
2	Standard Male Plug (2 & 3 Wire config. only)
3	Standard Female Jack (2 & 3 Wire config. only)
4	Mini Male Plug (2 & 3 Wire config. only)
5	Mini Female Jack (2 & 3 Wire config. only)

4.	Accessories
A	None
B	Bx Connector
C	Cable Clamp

5.	"B" Dimension
	"B" = <u>0 4 8</u> "
	Leads Wire Length In Inches

6.

RTD Element Type		
<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
1 x Pt100	1	2
2 x Pt100	3	4
1 x Pt1000	5	6
2 x Pt1000	7	8

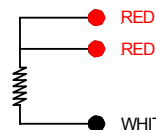
Temperature Coefficient: 0.00385
Platinum element
IEC 751

7.	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

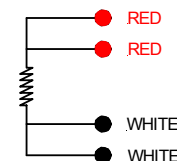
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



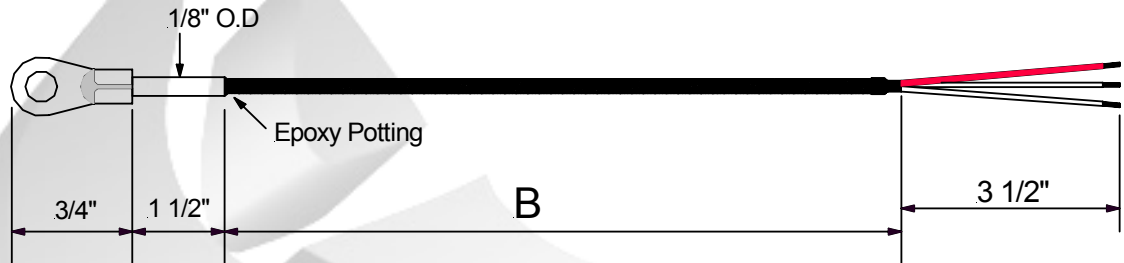
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Ring Terminal Style RTD.

Model Code: **1E**

Operating Temperature: -200 C to +250 C



Model: **1E** 1. 2. 3. 4. 5. - 6. 7.

1.	Ring Terminal Hole Size
1	No. 8 Screw
2	No. 10 Screw
3	1/4" Hole
4	1/2" Hole

2.	Wire Description
S	26 Gage, Stranded, Stainless Steel Braid
T	26 Gage, Stranded, Teflon
X	0.210 O.D., Flexible Armor, Teflon Wire
F	26 Gage, Stranded, Fiberglass Cable
C	0.210 O.D., Flexible Armor, Fiberglass Wire

3.	Termination Type
0	3" Split Leads & 1/2" Bare Ends.
1	3" Slip Leads & Spade Lugs
2	Standard Male Plug (2 & 3 Wire config. only)
3	Standard Female Jack (2 & 3 Wire config. only)
4	Mini Male Plug (2 & 3 Wire config. only)
5	Mini Female Jack (2 & 3 Wire config. only)

4.	Accessories
A	None
B	Bx Connector
C	Cable Clamp

5.	"B" Dimension
	"B" = <u>0 4 8</u> "
	Leads Wire Length In Inches

6.	RTD Element Type		
	<u>Ohms</u>	<u>Class A</u>	<u>Class B</u>
	1 x Pt100	1	2
	2 x Pt100	3	4
	1 x Pt1000	5	6
	2 x Pt1000	7	8

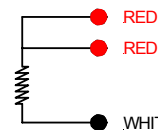
Temperature Coefficient: 0.00385
Platinum element
IEC 751

7.	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

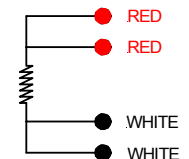
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



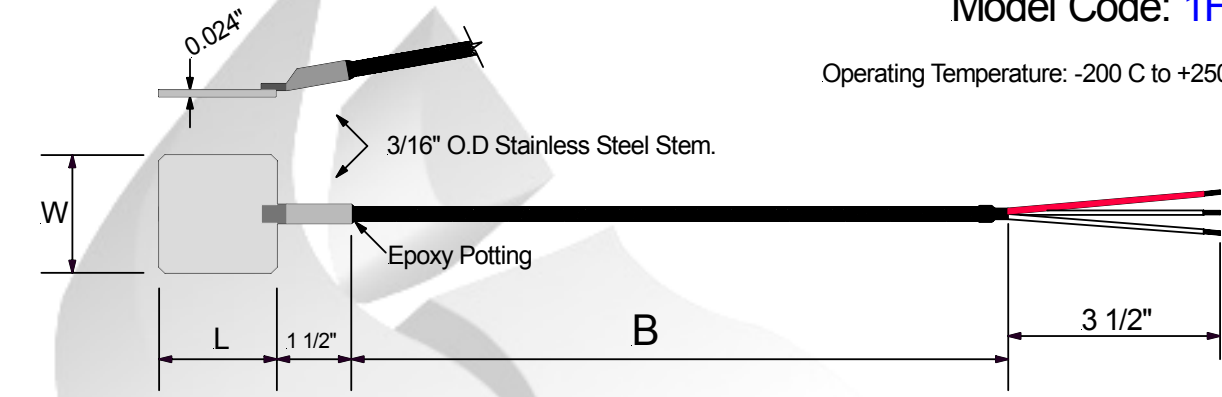
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Shim Stock Style RTD. Stainless Steel Shim

Model Code: **1F**

Operating Temperature: -200 C to +250 C



Model: **1F** -

1. Shim Size: Width x Length

1	1/2" x 1/2"
2	3/4" x 3/4"
3	3/4" x 7/8"
4	1" x 1"

2. Wire Description

S	26 Gage, Stranded, Stainless Steel Braid
T	26 Gage, Stranded, Teflon
X	0.210 O.D., Flexible Armor, Teflon Wire
F	26 Gage, Stranded, Fiberglass Cable
C	0.210 O.D., Flexible Armor, Fiberglass Wire

3. Termination Type

0	3" Split Leads & 1/2" Bare Ends.
1	3" Slip Leads & Spade Lugs
2	Standard Male Plug (2 & 3 Wire config. only)
3	Standard Female Jack (2 & 3 Wire config. only)
4	Mini Male Plug (2 & 3 Wire config. only)
5	Mini Female Jack (2 & 3 Wire config. only)

4. Accessories

A	None
B	Bx Connector
C	Cable Clamp

5. "B" Dimension

"B"= 0 4 8 "

Leads Wire Length In Inches

6. RTD Element Type

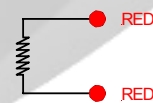
Ohms	Class A	Class B
1 x Pt100	1	2
2 x Pt100	3	4
1 x Pt1000	5	6
2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

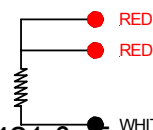
7. RTD Wire Connection

A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

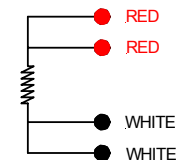
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



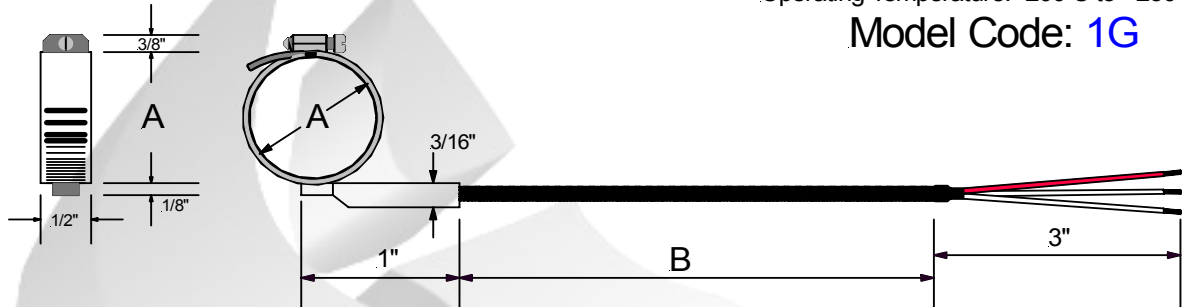
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTDs

Pipe Clamp Style RTD

Operating Temperature: -200 C to +250 C

Model Code: **1G**



Model: **1G** -

1. **Pipe Clamp Description**
A = Diameter Range

	Minimum	Maximum
1	1 1/16"	2"
2	1 13/16"	2 3/4"
3	2 9/16"	3 1/2"
4	3"	5"
5	5"	7"

2. **Wire Description**

S	26 Gage, Stranded, Stainless Steel Braid
T	26 Gage, Stranded, Teflon
X	0.210 O.D., Flexible Armor, Teflon Wire
F	26 Gage, Stranded, Fiberglass Cable
C	0.210 O.D., Flexible Armor, Fiberglass Wire

3. **Termination Type**

0	3" Split Leads & 1/2" Bare Ends.
1	3" Slip Leads & Spade Lugs
2	Standard Male Plug (2 & 3 Wire config. only)
3	Standard Female Jack (2 & 3 Wire config. only)
4	Mini Male Plug (2 & 3 Wire config. only)
5	Mini Female Jack (2 & 3 Wire config. only)

4. **Accessories**

A	None
B	Bx Connector
C	Cable Clamp

5. **"B" Dimension**

"B" =	<u>0 4 8</u>	"
Leads Wire Length In Inches		

6. **RTD Element Type**

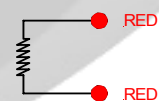
Ohms	Class A	Class B
1 x Pt100	1	2
2 x Pt100	3	4
1 x Pt1000	5	6
2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

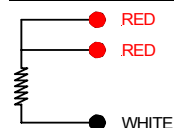
7. **RTD Wire Connection**

A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

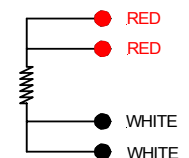
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



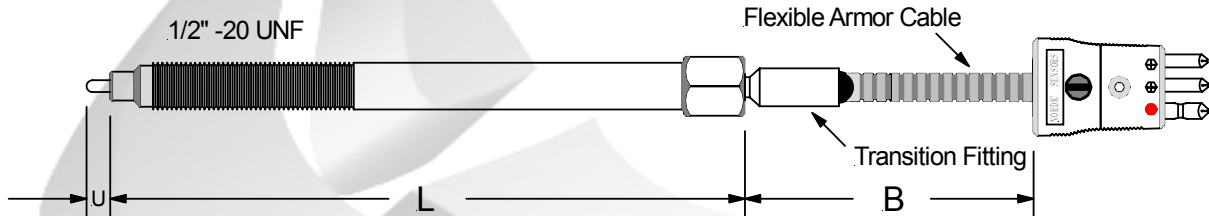
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Melt Bolt RTD. Mineral Insulated

Model Code: **1K**

Operating Temperature: -200 C to +500 C



Mineral insulated 316SS sensor tip.

Model	A	B	C	D	E	F	G
1K							

A Melt Bolt Length "L"	
1	3"
2	4"
3	6"

B "U" Tip Diameter	
F	Flush Tip
A	0.188"
B	0.250"

C Insertion Depth "U"	
1	Flush
2	0.125"
3	0.250"
4	0.500"
5	0.750"
6	1"

D RTD Element Type		
Ohms	Class A	Class B
1 x Pt100	1	2
2 x Pt100	3	4
1 x Pt1000	5	6
2 x Pt1000	7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

E RTD Wire Connection	
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

F "B" Dimension	
Specify "B" Length In Inches	0 0 4

Example "B" is 4" = 004

G Termination Type	
A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug
D	Standard Female Jack
E	Mini Male Plug
F	Mini Female Jack

Connectors can only be installed on 2 & 3 wire configuration RTDs.

2 Wire Configuration	
RED	RED

3 Wire Configuration	
RED	RED
RED	RED
WHITE	WHITE

4 Wire Configuration	
RED	RED
RED	RED
WHITE	WHITE
WHITE	WHITE

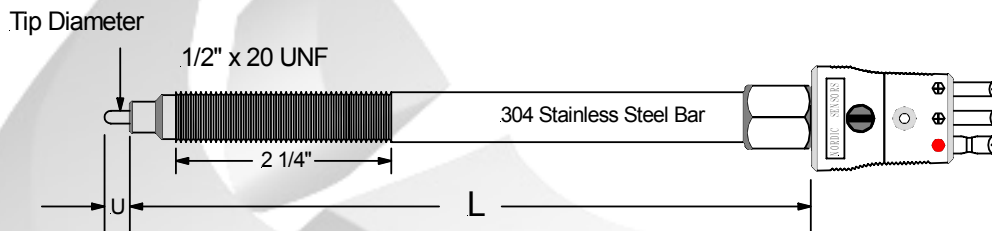
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Rigid Melt Bolt RTD. Mineral Insulated

Model Code: **2K**

Operating Temperature: -200 C to +500 C



Mineral insulated 316SS sensor tip.

Model

2K

A

B

C

D

E

F

A	Melt Bolt Length " L "
1	3"
2	4"
3	6"

B	"U" Tip Diameter
F	Flush Tip
A	0.188"
B	0.250"

C	Insertion Depth " U "
1	Flush
2	0.125"
3	0.250"
4	0.500"
5	0.750"
6	1"

D	RTD Element Type		
	Ohms	Class A	Class B
1 x Pt100		1	2
2 x Pt100		3	4
1 x Pt1000		5	6
2 x Pt1000		7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

F	Termination Type
A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug
D	Standard Female Jack
E	Mini Male Plug
F	Mini Female Jack

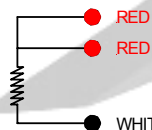
Connectors can only be installed on 2 & 3 wire configuration RTDs.

E	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

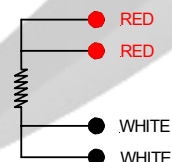
2 Wire Configuration



3 Wire Configuration



4 Wire Configuration



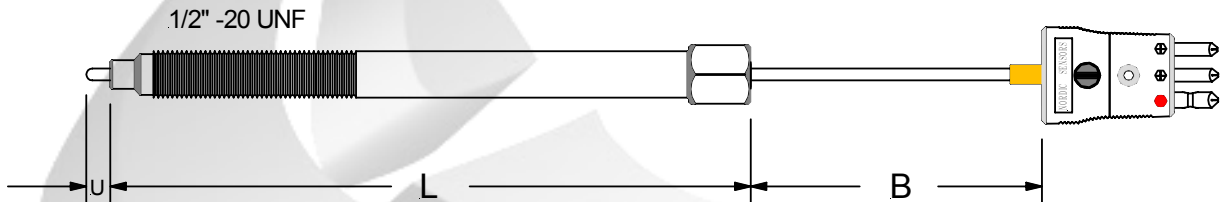
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Fixed Melt Bolt RTD. Mineral Insulated

Model Code: **3K**

Operating Temperature: -200 C to +500 C



Mineral insulated 316SS sensor tip.

Model	A	B	C	D	E	F	G
3K							

A	Melt Bolt Length "L"
1	3"
2	4"
3	6"

B	"U" Tip Diameter
F	Flush Tip
A	0.188"
B	0.250"

C	Insertion Depth "U"
1	Flush
2	0.125"
3	0.250"
4	0.500"
5	0.750"
6	1"

D	RTD Element Type		
	Ohms	Class A	Class B
1 x Pt100		1	2
2 x Pt100		3	4
1 x Pt1000		5	6
2 x Pt1000		7	8

Temperature Coefficient: 0.00385
Platinum element
IEC 751

E	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

F	"B" Dimension
Specify "B" Length In Inches <u>0 4</u>	

Example "B" is 4" = 04

G	Termination Type
A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug
D	Standard Female Jack
E	Mini Male Plug
F	Mini Female Jack

Connectors can only be installed on 2 & 3 wire configuration RTDs.

2 Wire Configuration	
RED	RED

3 Wire Configuration	
RED	RED
RED	RED
WHITE	WHITE

4 Wire Configuration	
RED	RED
RED	RED
WHITE	WHITE
WHITE	WHITE

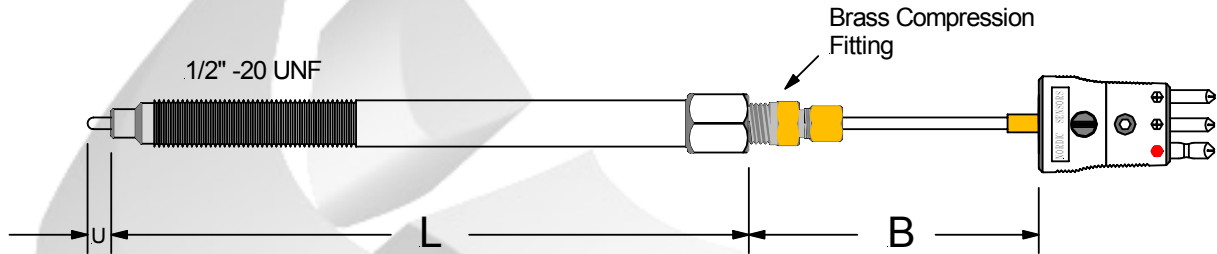
Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.

Plastic Industry RTD's

Adjustable Melt Bolt RTD.

Model Code: **4K**

Operating Temperature: -200 C to +500 C



Mineral insulated 316SS tip.

Model	A	B	C	D	E	F	G
4K							

A	Melt Bolt Length "L"
1	3"
2	4"
3	6"

B	"U" Tip Diameter
F	Flush Tip
A	0.188"
B	0.250"

C	Insertion Depth "U"
1	Flush
2	0.125"
3	0.250"
4	0.500"
5	0.750"
6	1"

D	RTD Element Type		
	Ohms	Class A	Class B
1 x Pt100	1	2	
2 x Pt100	3	4	
1 x Pt1000	5	6	
2 x Pt1000	7	8	

Temperature Coefficient: 0.00385
Platinum element
IEC 751

E	RTD Wire Connection
A	2 Wire Configuration
B	3 Wire Configuration
C	4 Wire Configuration

F	"B" Dimension
Specify "B" Length In Inches <u>0 4</u>	
Example "B" is 4" = 04	

G	Termination Type
A	3" Split Leads & 1/2" Bare Ends.
B	3" Slip Leads & Spade Lugs
C	Standard Male Plug
D	Standard Female Jack
E	Mini Male Plug
F	Mini Female Jack

2 Wire Configuration	
RED	RED

3 Wire Configuration	
RED	RED
RED	RED
WHITE	WHITE

4 Wire Configuration	
RED	RED
RED	RED
WHITE	WHITE
WHITE	WHITE

Connectors can only be installed on 2 & 3 wire configuration RTDs.

Nordic Sensors Ind. Inc. Tel: 1-888-667-3421 & Fax: 1-888-867-9986.