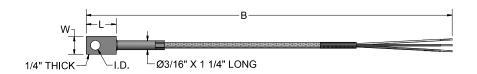


The ring type assembly pictured below has the RTD element embedded into a brass ring. Various ring sizes are available to measure the surface temperature of nozzles, extruder barrels, die heads, molds, and many other applicable surfaces. This assembly is supplied standard using a 100 Ω platinum element with a temperature coefficient of 0.003 85 °C-1 (IEC Class B). Elements of other materials, values, and tolerances are available upon request.



ORDER CODES

Example Order Number:

RBF1853RB 2 - F3B012 - 2

1-1 RTD Element Type

CODE		ELEMENT	
SINGLE	DUPLEX ^[1]	CONNECTION	
RBF1853RB	RBF2853RB	3-wire	
RBF1852RB	RBF2852RB	2-wire	
[1] Duplex assemblies available with polyimide			

[1] Duplex assemblies available with polyimide or fluoropolymer wire only.

1-2 Ring Size

CODE	I.D. (inches)	W (inches)	L (inches)	SCREW SIZE
1	0.20	3/8	5/8	#6 - #10 4mm - 5mm
2	0.33	5/8	7/8	#12, 1/4" - 5/16" 5mm - 8mm
3	0.44	5/8	7/8	5/16" - 3/8" 8mm - 10mm

2 Extension Leadwire Type and "B" + "C" Dimension

CODE[1]	WIRE DESCRIPTION
F3	Fiberglass insulation - stranded conductor
F3A	Fiberglass insulation - stranded conductor - flexible armor
F3B	Fiberglass insulation - stranded conductor - stainless steel overbraid
T3	Fluoropolymer insulation - stranded conductor
T3A	Fluoropolymer insulation - stranded conductor - flexible armor
K3	Polyimide insulation - stranded conductor
K3A	Polyimide insulation - stranded conductor - flexible armor
К3В	Polyimide insulation - stranded conductor - stainless steel overbraid

[1] Insert 3 digit "B" length in inches. EX: F1A012=12" "B" length; for assemblies requiring other than the standard 6" "C" dimension, insert 3 digit "C" length in inches after "B" dimension. EX: F1A036-012=36" "B" length with additional 12" "C" length.

3 Terminations and Options

CODE	DESCRIPTION	
0	Leads not stripped	
2	2" split leads, 1/4" stripped	
3	2" split leads with spade lugs	
4	Standard plug	
5	Standard jack	
6	Miniature plug	
7	Miniature jack	
8	2" split leads with 1/4" female disconnects	
Options		
МС	Mating connector	
СС	Cable clamp	
ВХ	Box connector	

