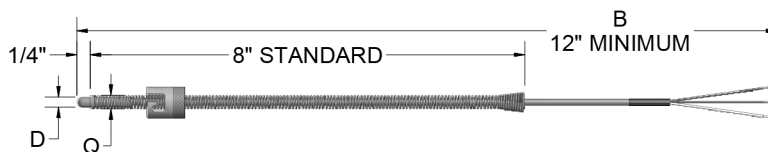


This RTD spring-adjustable immersion sensor has a bayonet cap on an 8" spring (standard) to allow for immersion depths of 1/2" to 7". This assembly is used in a variety of applications (with a bayonet adapter) where ease of installation and quick disconnect is preferred. Standard and metric size bayonet caps and adapters are available. These assemblies are supplied standard using 316 stainless steel sheath material and a 100  $\Omega$  platinum element with a temperature coefficient of 0.003 85  $^{\circ}\text{C}^{-1}$  (IEC Class B). Elements of other materials, values, and tolerances are available upon request.



## ORDER CODES

**Example Order Number:**

1-1 1-2 1-3 2 3  
**RBF1853B A 3 - F3B024 - 2**

### 1-1 RTD Element Type

CODE		ELEMENT CONNECTION
SINGLE	DUPLEX <sup>[1]</sup>	
RBF1853B	RBF2853B	3-wire
RBF1852B	RBF2852B	2-wire

[1] Duplex assemblies available, with polyimide wire only.

### 1-2 Bayonet Cap Style

CODE	DESCRIPTION
A	7/16" I.D. single slot (standard) (not available with Opt. 4 tip)
B	12 mm I.D. dual slot
C	12 mm O.D. dual pin
E	15 mm ID dual slot

### 1-3 Tip and Spring Diameters

CODE	TIP O.D. "D" DIM. (inches)	SPRING O.D. "Q" DIM. (inches)
3	0.188	0.263
4	0.250	0.324

### 2 Extension Length "B"

CODE <sup>[1]</sup>	DESCRIPTION
F3B _ _ _	Fiberglass insulation - stranded conductor - stainless steel overbraid
K3B _ _ _	Polyimide insulation - stranded conductor - stainless steel overbraid

[1] Insert 3 digit "B" length in inches.  
EX: F3B024=24" "B" 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
<b>Options</b>	
MC	Mating connector
CC	Cable clamp
BX	Box connector
LS	12" long spring (3/16" O.D. only)