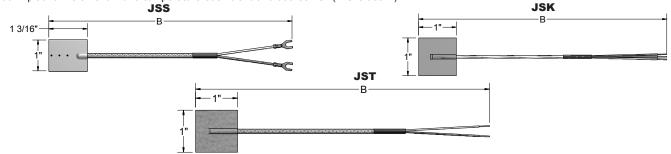


The temperature sensors illustrated below are generally used for surface temperature measurement. The series SS and ST spade thermocouples are sandwiched between two thin shims of either stainless steel or two pieces of fiberglass tape. They can be attached using a worm drive hose clamp or by placing under heater bands. These spades can be formed and secured to the outside of various size tubes, pipes, or nozzles. The SK series sensors are sealed in epoxy between two layers of polyimide tape and are provded with an adhesive backing for easy attachment to many surfaces. The SK series sensors are available in various thermocouple types or RTDs. The RTDs are constructed using a $100~\Omega$ platinum element with a temperature coefficient of $0.003~85~{\rm ^{c}}^{-1}$ (IEC Class B).



ORDER CODES

Example Order Number:

JSS - F1B036

3

1 Thermocouple Type

CODE	DESCRIPTION
JSS	Stainless steel spade
JST	Flexible fiberglass spade 204 °C [400 °F] max
JSK ^[1]	Flexible Polyimide spade with adhesive tape backing 204 °C [400 °F]
Nominal spade thickness is 0.020" min to 0.090"	

Nominal spade thickness is 0.020" min to 0.090" max

Other Element Types

For type E, K, or T thermocouples, replace J in order code with required letter designation.

[1] Not available with Fiberglass leadwire.

1a RTD Type 100 Ω Platinum A = 0.003 85 °C⁻¹

CODE	ELEMENT CONNECTION	DESCRIPTION		
RBF1853SK	3 wire	Flexible polyimide spade with adhesive tape backing 204 °C [400 °F]		
RBF1852SK	2 wire	Flexible polyimide spade with adhesive tape backing 204 °C [400 °F]		
Nominal spade thickness is 0.060" min to 0.100"				

2 Extension Leadwire "B"

CODE ^[1]	DESCRIPTION	
F1	Fiberglass insulation - solid conductor	
F1B	Fiberglass insulation - solid conductor - stainless steel overbraid	
F3	Fiberglass insulation - stranded conductor	
F3B	Fiberglass insulation - stranded conductor - stainless steel overbraid	
T1	Fluoropolymer insulation - solid conductor	
T3	Fluoropolymer insulation - stranded conductor	
K1	Polyimide insulation - solid conductor	
[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	
Options		
MC	Mating connector	
CC	Cable clamp	
BX	Box connector	

