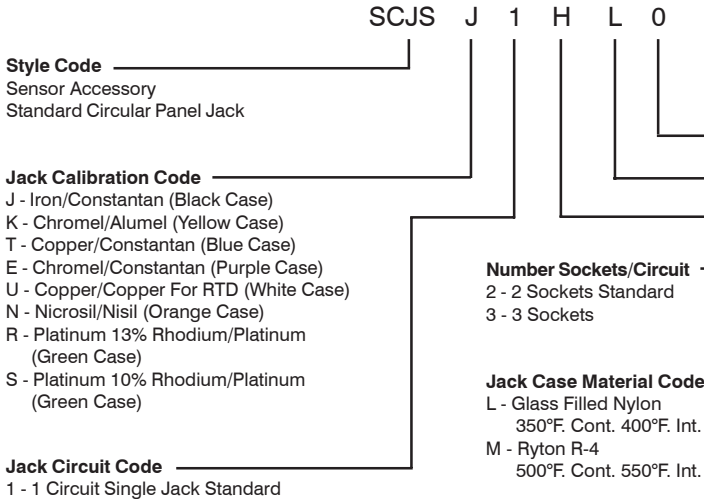


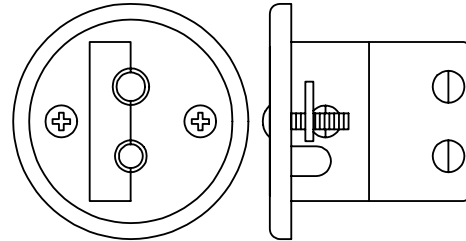
## Style "SCJS" Standard Circular Panel Mount Sensor Jacks

The standard size circular panel mount jack is designed to fit a standard 3/4" electrical knockout with a hole diameter of 1 1/8". These jacks are available in two temperature ratings and can be supplied in all standard calibrations and with the full range of lead exit options. Note that both two and three pin designs are offered.

### Style "SCJS" Sensor Jack Product Number Definition



### Style "SCJS" Standard Circular Panel Mount Jack With Type "0" (None) Exit Option



#### Termination Exit Options

- 0 - None
- 1 - Lead Grommet
- 2 - Cable Clamp

- Bracket Mounted Compression Fittings**
- 3040 - For .040 Tube
  - 3062 - For .062 Tube
  - 3125 - For .125 Tube
  - 3187 - For .187 Tube
  - 3250 - For .250 Tube
  - 3312 - For .312 Tube
  - 3375 - For .375 Tube

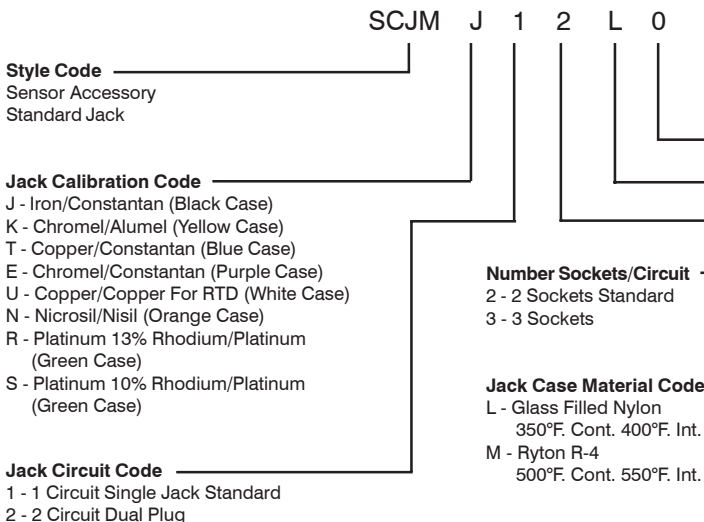
- Case Slot Mounted Compression Fittings**
- 4040 - For .040 Tube
  - 4062 - For .062 Tube
  - 4125 - For .125 Tube

- Standard Ferrules For Above Compression Fittings Are Brass. For Stainless Steel Ferrule Add Suffix B to Code Number. For Nylon Ferrule Add Suffix N To Term. Number.**

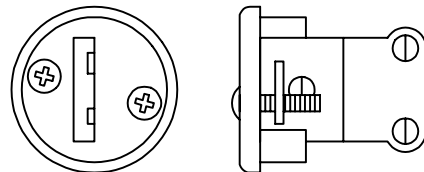
## Style "SCJM" Miniature Circular Panel Mount Sensor Jacks

The miniature size circular panel mount jack is designed to fit a standard 1/2" electrical knockout with a hole diameter of 7/8". These jacks are available in two temperature ratings and can be supplied in all standard calibrations and with the full range of lead exit options. Note that both two and three pin designs are offered.

### Style "SCJM" Sensor Jack Product Number Definition



### Style "SCJM" Miniature Circular Panel Mount Jack With Type "0" (None) Exit Option



#### Termination Exit Options

- 0 - None
- 1 - Lead Grommet
- 2 - Cable Clamp

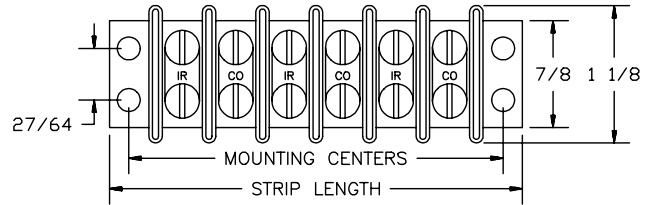
- Case Slot Mounted Compression Fittings**
- 4040 - For .040 Tube
  - 4062 - For .062 Tube
  - 4125 - For .125 Tube

- Standard Ferrules For Above Compression Fittings Are Brass. For Stainless Steel Ferrule Add Suffix B to Code Number. For Nylon Ferrule Add Suffix N To Term. Number.**

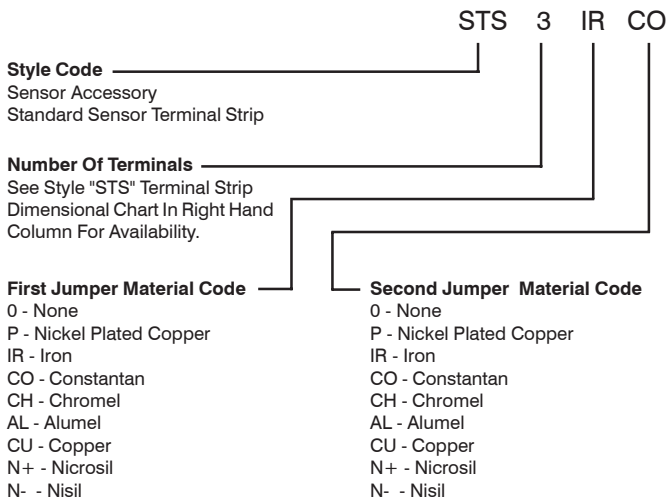
### Style "STS" Standard Sensor Terminal Strip

The sensor terminal strips provide a simple connection system for multiple thermocouples. These terminal strips are molded of glass filled nylon and are rated at 350°F. continuous and 400°F. intermittent. Terminal strips can be supplied with or without jumpers. Jumpers can be ordered separately from the terminal lug list shown below. Installed jumpers will be arranged in a repeating pattern based on the two lug calibration codes indicated in the product number below. No jumpers will be installed when one or both jumper material codes are specified as "O". All jumpers will be the same material when both jumper material codes are the same. Nickel plated copper lugs can be used for power applications.

Style "STS" Standard Sensor Terminal Strip  
Type "6" Six Terminal Strip Shown



#### Style "STS" Sensor Terminal Strip Prod. No. Definition



Style "STS" Terminal Strip Dimensions

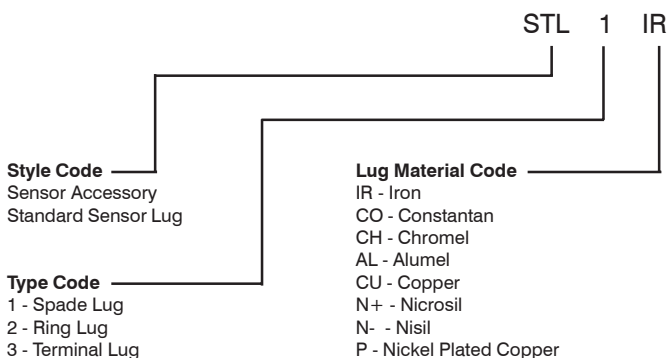
No. Of Terminal	Mtg. Center	Strip Length
2	1 5/16	1 5/8
3	1 3/4	2 1/8
4	2 3/16	2 1/2
6	3 1/16	3 3/8
8	3 15/16	4 1/4

No. Of Terminal	Mtg. Center	Strip Length
10	4 13/16	5 1/8
12	5 11/16	6
14	6 9/16	6 7/8
16	7 7/16	7 3/4
20	9 3/16	9 1/2

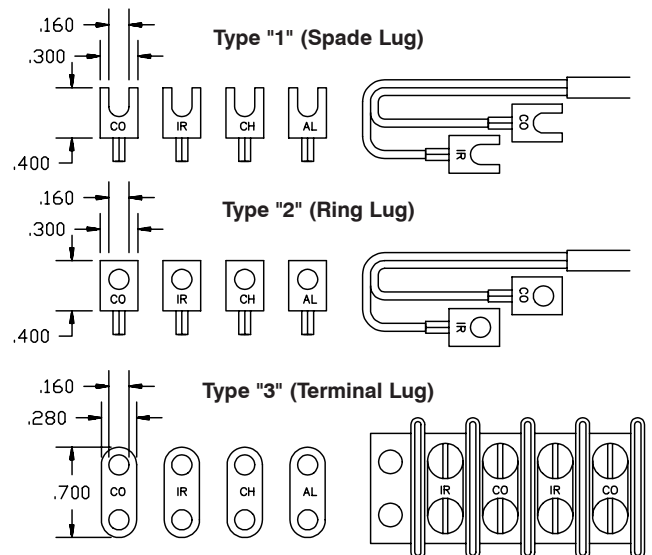
### Style "STL" Standard Sensor Lugs

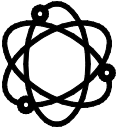
Standard sensor lugs are manufactured from appropriate thermocouple materials and are clearly marked with the alloy initials. Spade and ring lugs are designed for installation and crimping of thermocouple wire 18 gauge and smaller. Terminal lugs are designed for use with the style "STS" terminal strips shown above.

#### Style "STL" Sensor Lug Product Number Definition



Style "STL" Standard Sensor Lugs

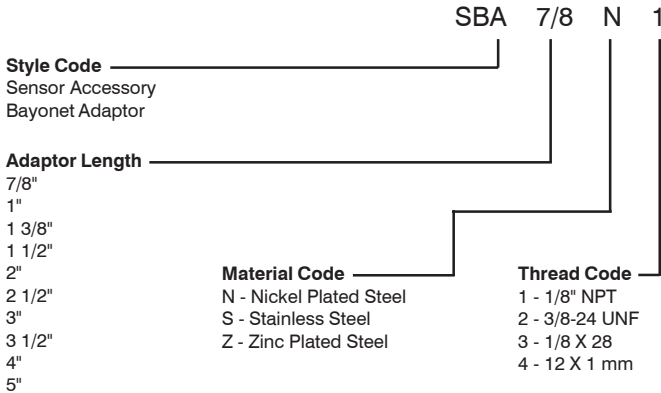




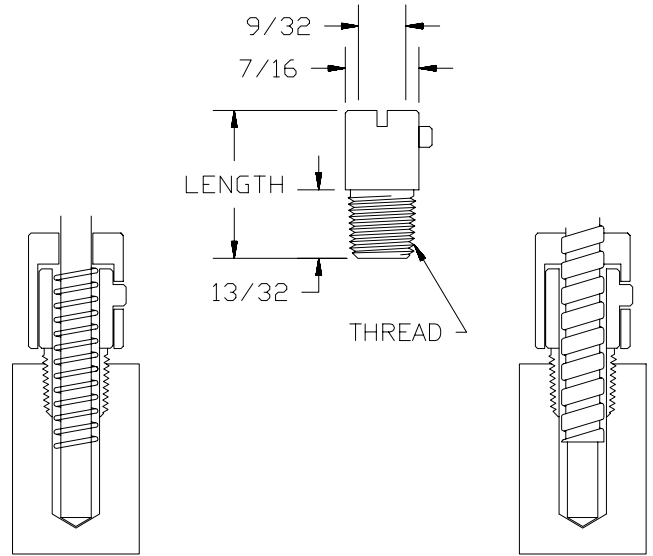
## Style "SBA" Bayonet Adaptors

Bayonet adaptor fittings are designed for use with all thermocouple styles incorporating the standard bayonet locking cap. Bayonet adaptor fittings are available in assorted lengths and threads suited to most common applications. Special bayonet adaptors can also be manufactured to customer specifications.

### Style "SBA" Bayonet Adaptor Prod. No. Definition



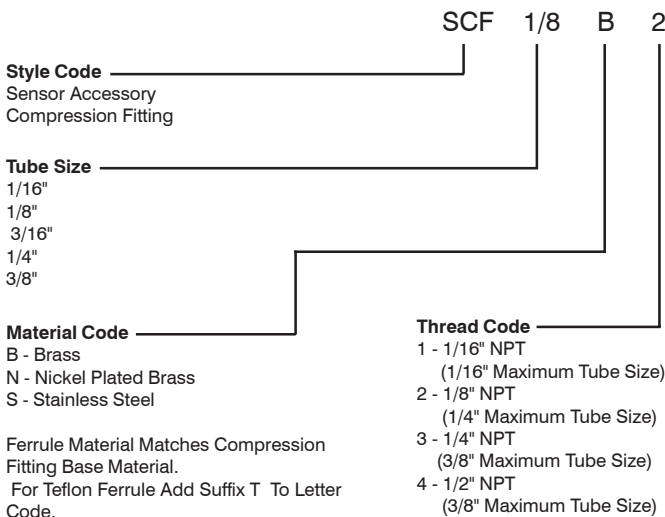
### Style "SBA" Bayonet Adaptors



## Style "SCF" Compression Fittings

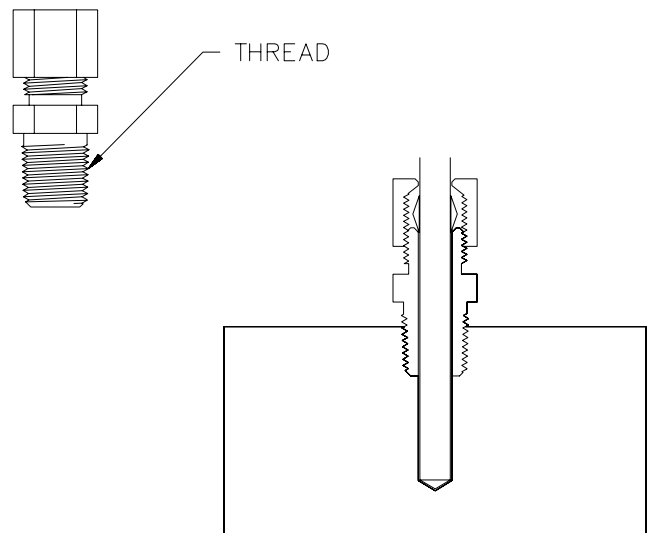
Style "SCF" compression fittings feature a feed-thru type tube socket designed for mounting and installation of tubular style sensor configurations. Compression fittings can be supplied with standard metal ferrules for one time adjustment or with readjustable teflon, neoprene or lava ferrules.

### Style "SCF" Compression Fitting Prod. No. Definition



Ferrule Material Matches Compression Fitting Base Material.  
For Teflon Ferrule Add Suffix T To Letter Code.  
For Neoprene Ferrule Add Suffix N To Letter Code.  
For Lava Ferrule Add Suffix L To Letter Code.

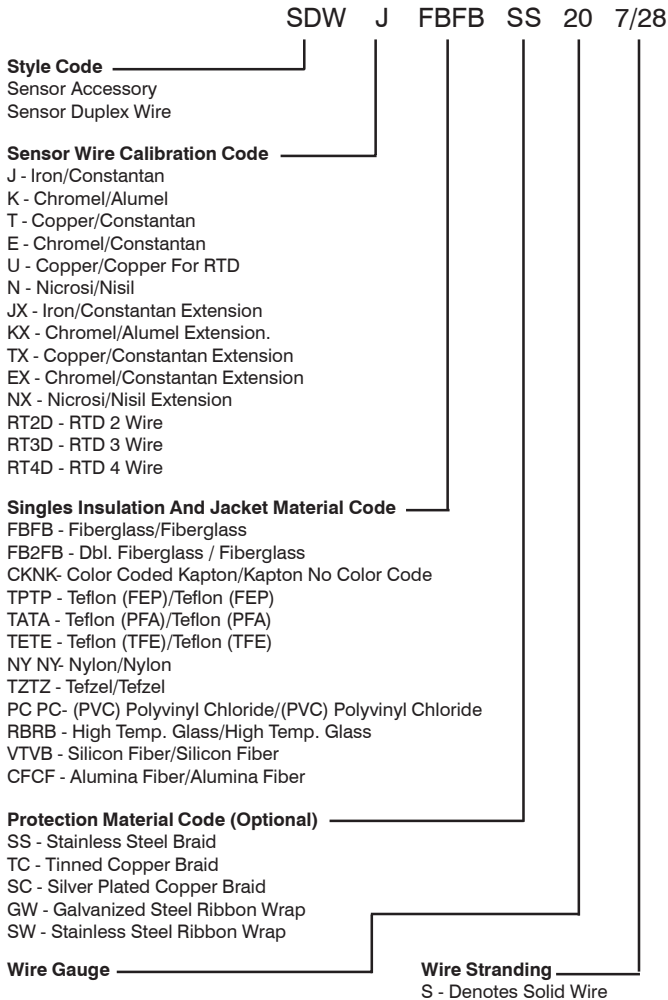
### Style "SCF" Compression Fittings



Style "SDW" Sensor Duplex Wire

Sensor duplex wire is stocked in a variety of standard constructions and calibrations. Common wire styles and product numbers are shown in the right hand column. All wire styles can be supplied with braid or other protective shielding. Sensor wire can be readily supplied in other standard and special constructions.

Style "SDW" Sensor Duplex Wire Prod. No. Definition



Wire Insulation Physical Characteristics

Wire Insulation	Service Temp. Cont./Single	Abrasion Resistance	Moisture Resistance
Fiberglass	900 °F./1000 °F.	Good	Good
Kapton	500 °F./800 °F.	Excellent	Excellent
Teflon (FEP)	400 °F./550 °F.	Very Good	Excellent
Teflon (PFA)	490 °F./1000 °F.	Very Good	Excellent
Teflon (TFE)	500 °F./550 °F.	Very Good	Excellent
Nylon	350 °F./NA	Excellent	Fair
Tefzel	300 °F./392 °F.	Excellent	Excellent
PVC	-20 To 221 °F./NA	Good	Excellent
High Temp. Glass	1400 °F./1600 °F.	Good	Good
Silicon Fiber	1600 °F./2000 °F.	Poor	Fair
Alumina Fiber	2600 °F./3000 °F.	Fair	Fair

Standard Sensor Wire With Fiberglass Insulated Inners And Fiberglass Jacket

Wire Grade	Wire Gauge	Wire Type	Product Numbers	
			Type J	Type K
T/C	20	Strand.	SDW J FBFB 20 7/28	SDW K FBFB 20 7/28
T/C	20	Solid	SDW J FBFB 20 S	SDW K FBFB 20 S
T/C	24	Strand.	SDW J FBFB 24 7/32	SDW K FBFB 24 7/32
T/C	24	Solid	SDW J FBFB 24 S	SDW K FBFB 24 S
T/C	28	Solid	SDW J FBFB 28 S	SDW K FBFB 28 S
T/C	30	Solid	SDW J FBFB 30 S	SDW K FBFB 30 S
Ext.	20	Strand.	SDW JX FBFB 20 7/28	SDW KX FBFB 20 7/28
Ext.	24	Strand.	SDW JX FBFB 24 7/32	SDW KX FBFB 24 7/32

Standard Sensor Wire With Teflon (FEP) Insulated Inners And Teflon (FEP) Jacket

Wire Grade	Wire Gauge	Wire Type	Product Numbers	
			Type J	Type K
T/C	20	Strand.	SDW J TPTP 20 7/28	SDW K TPTP 20 7/28
T/C	20	Solid	SDW J TPTP 20 S	SDW K TPTP 20 S
T/C	24	Strand.	SDW J TPTP 24 7/32	SDW K TPTP 24 7/32
T/C	24	Solid	SDW J TPTP 24 S	SDW K TPTP 24 S
Ext.	20	Strand.	SDW JX TPTP 20 7/28	SDW KX TPTP 20 7/28
Ext.	24	Strand.	SDW JX TPTP 24 7/32	SDW KX TPTP 24 7/32

Standard Sensor Wire With Teflon (TFE) Insulated Inners And Teflon (TFE) Jacket

Wire Grade	Wire Gauge	Wire Type	Product Numbers	
			Type J	Type K
T/C	20	Strand.	SDW J TTF 20 7/28	SDW K TTF 20 7/28
T/C	20	Solid	SDW J TTF 20 S	SDW K TTF 20 S
T/C	24	Solid	SDW J TTF 24 S	SDW K TTF 24 S

Standard Sensor Wire With Kapton Insulated Inners And Kapton Jacket

Wire Grade	Wire Gauge	Wire Type	Product Numbers	
			Type J	Type K
T/C	20	Strand.	SDW J CKNK 20 7/28	SDW K CKNK 20 7/28
T/C	20	Solid	SDW J CKNK 20 S	SDW K CKNK 20 S
T/C	24	Strand.	SDW J CKNK 24 7/28	SDW K CKNK 24 7/28
T/C	24	Solid	SDW J CKNK 24 S	SDW K CKNK 24 S

Standard Sensor Wire With PVC Insulated Inners And PVC Jacket

Wire Grade	Wire Gauge	Wire Type	Product Numbers	
			Type J	Type K
Ext.	20	Strand.	SDW JX PCPC 20 7/28	SDW KX PCPC 20 7/28
Ext.	20	Solid	SDW JX PCPC 20 S	SDW KX PCPC 20 S
Ext.	24	Strand.	SDW JX PCPC 24 7/32	SDW KX PCPC 24 7/32
Ext.	24	Solid	SDW JX PCPC 24 S	SDW KX PCPC 24 S