

proSense® Thermocouple Probes with Attached Plug

Overview

- Type J, K, or T thermocouple elements to meet many temperature sensing applications
- 1/8" or 1/4" diameter, 316 SS sheath to protect against harsh environments
- Magnesium Oxide (MgO) insulation provides vibration dampening and protection against thermal shock
- 6", 12" or 18" probe length
- Bendable probe to adapt to installation requirements
- Attached plug for quick and easy wiring connections
- Made in the USA



Probe shown with optional CF18-BC adjustable bayonet cap compression mounting fitting



THMK-PXX-02

Thermocouple Probes with Attached Plug - Types J, K & T										
Part Number	Pcs/Pkg	Wt (lb)	Price	Type	Probe Diameter (O.D.)	Probe Length	Temperature Sensing Range	Mounting	Attached Plug Size	Mating Jack (see accessories-purchased separately)
THMJ-P06-01	1	0.2	\$08g#:	J	1/8"	6"	0 to 521°C (32 to 970°F), plug rated to 400 °F (204 °C)	ProSense compression fitting (see accessories purchased separately)	Miniature	THMJ-MJ
THMJ-P12-01			\$08g?:	J		12"				
THMJ-P18-01			\$08h0:	J		18"				
THMK-P06-01			\$08h2:	K		6"	0 to 927°C (32 to 1700°F) plug rated to 400 °F (204 °C)			THMK-MJ
THMK-P12-01			\$08h4:	K		12"				
THMK-P18-01			\$08h6:	K		18"				
THMT-P06-01			\$:,0d!]:	T		6"	-200 to 371°C (-328 to 700°F) plug rated to 400 °F (204 °C)			THMT-MJ
THMT-P12-01			\$:,0d![:	T		12"				
THMT-P18-01			\$,0d!_:	T		18"				
THMJ-P06-02			\$,08g!:	J	1/4"	6"	0 to 720°C (32 to 1330°F) plug rated to 400 °F (204 °C)		Standard	THMJ-SJ
THMJ-P12-02			\$,08g,::	J		12"				
THMJ-P18-02			\$08h1:	J		18"				
THMK-P06-02			\$08h3:	K		6"	0 to 927°C (32 to 1700°F) plug rated to 400 °F (204 °C)			THMK-SJ
THMK-P12-02			\$08h5:	K		12"				
THMK-P18-02			\$08h7:	K		18"				

Technical Specifications

Junction Type	Ungrounded
ASTM E230 Standard Limits of Error	Types J, K: $\pm 2.2^{\circ}\text{C}$ ($\pm 4.0^{\circ}\text{F}$); Type T: $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$); or 0.75% whichever is greater
Probe	$\varnothing 1/8"$ or $\varnothing 1/4"$, 316 stainless steel sheath, single thermocouple element is embedded in MgO powder
Probe Minimum Bend Radius	2 x sheath diameter
Minimum Installation Depth	1/8" O.D.: 1.75" (44.5 mm), 1/4" O.D.: 3" (76 mm)
Response Time	2.9 seconds, 63.2% of a 25-77°C step change per method ASTM E839
Wiring	Attached plug, mating jack sold separately. See accessories.



Note: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.

prosense® Thermocouple Probes with Attached Plug

Dimensions

inches [mm]

THMJ, K & T - PXX-01

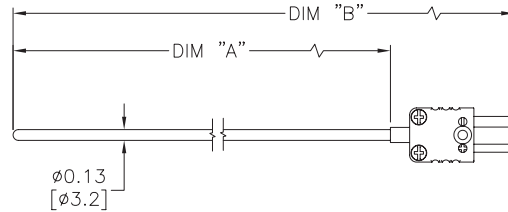
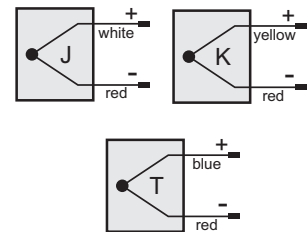


TABLE A		
PART NUMBER	DIM "A"	DIM "B"
THMJ-P06-01	6.00[152.4]	7.61[193.3]
THMJ-P12-01	12.00[304.8]	13.61[345.7]
THMJ-P18-01	18.00[457.2]	19.61[498.1]
THMK-P06-01	6.00[152.4]	7.61[193.3]
THMK-P12-01	12.00[304.8]	13.61[345.7]
THMK-P18-01	18.00[457.2]	19.61[498.1]
THMT-P06-01	6.00[152.4]	7.61[193.3]
THMT-P12-01	12.00[304.8]	13.61[345.7]
THMT-P18-01	18.00[457.2]	19.61[498.1]

Wiring Information

Type J: black plug
Type K: yellow plug
Type T: blue plug
Pins labeled + and -

- Must use with mating jack and thermocouple extension lead wire
- Observe polarity when making connections
- Do not use standard wire nuts



Dimensions

inches [mm]

THMJ & K - PXX-02

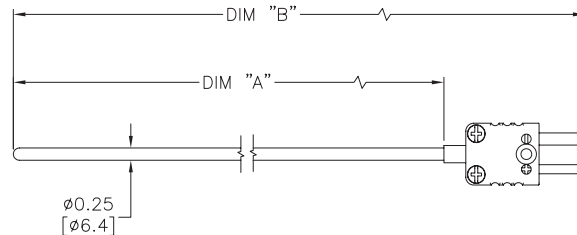


TABLE A		
PART NUMBER	DIM "A"	DIM "B"
THMJ-P06-02	6.00[152.4]	8.36[212.3]
THMJ-P12-02	12.00[304.8]	14.36[364.7]
THMJ-P18-02	18.00[457.2]	20.39[517.14]
THMK-P06-02	6.00[152.4]	8.36[212.3]
THMK-P12-02	12.00[304.8]	14.36[364.7]
THMK-P18-02	18.00[457.2]	20.39[517.14]

Wiring Information

Type J: black plug
Type K: yellow plug
Pins labeled + and -

- Must use with mating jack and thermocouple extension lead wire
- Observe polarity when making connections
- Do not use standard wire nuts



prosense® Thermocouple Probes with Attached Plug - Accessories

Accessories

Part No.	Description	Pcs/Pkg	Price
<u>BCF18-125N</u>	Compression fitting, brass, for 1/8 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$eku:
<u>BCF14-125N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$ekq:
<u>BCF18-25N</u>	Compression fitting, brass, for 1/8 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$ekv:
<u>BCF14-25N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$eks:
<u>BCF18-50N</u>	Compression fitting, brass, for 1/8 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$ekx:
<u>BCF14-50N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$ekt:
<u>CF18-125N</u>	Compression fitting, 316 stainless steel, for 1/8 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$ek#:
<u>CF14-125N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$ekj:
<u>CF18-25N</u>	Compression fitting, 316 stainless steel, for 1/8 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$ekl:
<u>CF14-25N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$ek[:
<u>CF18-50N</u>	Compression fitting, 316 stainless steel, for 1/8 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$0ek?:
<u>CF14-50N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$0ek_:
<u>CFTF-18</u>	Teflon ferrule for brass or stainless steel compression fittings and 1/8 inch diameter temperature probes	5	\$ea?:
<u>CFTF-14</u>	Teflon ferrule for brass or stainless steel compression fittings and 1/4 inch diameter temperature probes	5	\$ea!:
<u>CF18-BC</u>	Adjustable bayonet cap compression fitting for 1/8 inch diameter probe sheaths	1	\$0ea#:
<u>THMJ-SJ</u>	Thermocouple connector, Type J, standard round pin jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic black body, thermocouple material pins, 14 AWG maximum (2.0 mm) wire size	1	\$43h:
<u>THMK-SJ</u>	Thermocouple connector, Type K, standard round pin jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic yellow body, thermocouple material pins, 14 AWG maximum (2.0 mm) wire size	1	\$43q:
<u>THMT-SJ</u>	Thermocouple connector, Type T, standard round pin jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic blue body, thermocouple material pins, 14 AWG (2.0 mm) maximum wire size	1	\$43y:
<u>THMJ-MJ</u>	Thermocouple connector, Type J, miniature flat pin jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic black body, thermocouple material pins, 20 AWG maximum (0.8 mm) wire size	1	\$43e:
<u>THMK-MJ</u>	Thermocouple connector, Type K, miniature flat pin jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic yellow body, thermocouple material pins, 20 AWG maximum (0.8 mm) wire size	1	\$43n:
<u>THMT-MJ</u>	Thermocouple connector, Type T, miniature flat pin jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic blue body, thermocouple material pins, 20 AWG (0.8 mm) maximum wire size	1	\$43u:
<u>THMJ-SPJ</u>	Thermocouple connector, Type J, standard round pin panel jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic black body, thermocouple material pins, 14 AWG (2.0 mm) maximum wire size	1	\$-043j:
<u>THMK-SPJ</u>	Thermocouple connector, Type K, standard round pin panel jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic yellow body, thermocouple material pins, 14 AWG (2.0 mm) maximum wire size	1	\$;043t:
<u>THMT-SPJ</u>	Thermocouple connector, Type T, standard round pin panel jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic blue body, thermocouple material pins, 14 AWG (2.0 mm) maximum wire size	1	\$;043j:
<u>THMJ-MPJ</u>	Thermocouple connector, Type J, miniature flat pin panel jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic black body, thermocouple material pins, 14 AWG (2.0 mm) maximum wire size	1	\$43g:
<u>THMK-MPJ</u>	Thermocouple connector, Type K, miniature flat pin panel jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic yellow body, thermocouple material pins, 14 AWG (2.0 mm) maximum wire size	1	\$43p:
<u>THMT-MPJ</u>	Thermocouple connector, Type T, miniature flat pin panel jack, maximum continuous temperature 400°F (200°C), glass filled thermoplastic blue body, thermocouple material pins, 14 AWG (2.0 mm) maximum wire size	1	\$43x:
<u>WCB-S</u>	Wire / cable clamp bracket for use with standard thermocouple and RTD connectors	4	\$05hp:
<u>WCB-M</u>	Wire / cable clamp bracket for use with miniature thermocouple connectors	4	\$05ho:

Note: Thermocouple extension lead wire available at www.automationdirect.com.

See end of section for full listing of accessories and dimension information.

Thermocouple Connectors

[THMJ-SJ](#)



[THMJ-SP](#)



[THMJ-SPJ](#)



S.S. Compression Fittings

[CF18-125N](#)



[CF14-125N](#)



[CF14-25N](#)



[CFTF-14](#)



pro^{ense}® Compression Mounting Fittings for Temperature Probes

Compression Mounting Fittings for Temperature Probes				
Part Number	Description	Pcs/ Pkg	Wt(lb)	Price
<u>BCF18-125N</u>	Compression fitting, brass, for 1/8 inch diameter temperature probes, 1/8 inch NPT male thread	1	0.5	\$eku:
<u>BCF14-125N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	0.5	\$ekq:
<u>BCF18-25N</u>	Compression fitting, brass, for 1/8 inch diameter temperature probes, 1/4 inch NPT male thread	1	0.5	\$ekv:
<u>BCF14-25N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	0.5	\$eks:
<u>BCF18-50N</u>	Compression fitting, brass, for 1/8 inch diameter temperature probes, 1/2 inch NPT male thread	1	0.5	\$ekx:
<u>BCF14-50N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	0.5	\$ekt:
<u>CF18-125N</u>	Compression fitting, 316 stainless steel, for 1/8 inch diameter temperature probes, 1/8 inch NPT male thread	1	0.5	\$ek#:
<u>CF14-125N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	0.5	\$ekj:
<u>CF18-25N</u>	Compression fitting, 316 stainless steel, for 1/8 inch diameter temperature probes, 1/4 inch NPT male thread	1	0.5	\$ekl:
<u>CF14-25N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	0.5	\$ekj:
<u>CF18-50N</u>	Compression fitting, 316 stainless steel, for 1/8 inch diameter temperature probes, 1/2 inch NPT male thread	1	0.5	\$0ek?:
<u>CF14-50N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	0.5	\$0ek_:
<u>CFTF-18**</u>	Teflon™ ferrule for brass or stainless steel compression fittings and 1/8 diameter temperature probes	5	0.5	\$ea?:
<u>CFTF-14**</u>	Teflon ferrule for brass or stainless steel compression fittings and 1/4 diameter temperature probes	5	0.5	\$eal:
<u>CF06-25N</u>	1/4 NPT stainless steel compression fitting for 0.24 inch (6 mm) diameter RTD probe with M12 connector.	1	0.18	\$0eky:
<u>CF10-50N</u>	1/2 NPT stainless steel compression fitting for 10 mm (0.4 inch) diameter RTD probe with M12 connector.	1	0.20	\$0ekz:
<u>CF18-BC</u>	Bayonet compression fitting, for 1/8" diameter probe sheath sensors	1	0.1	\$0ea#:
<u>BB125N-50N</u>	Reducing bushing, brass, 1/2 MNPT x 1/8 FNPT, hex head	1	0.1	\$-el3:



Note: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.

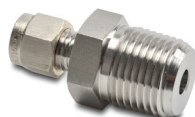
* Working pressure of compression fitting should not exceed 500 psi. However we recommend any pressure application use a thermowell

** Teflon has a max working temperature range of -400 to 500°F (-240 to 260°C)

[CF14-125N](#)



[CF14-50N](#)



[CF14-25N](#)



[CF18-BC](#)



[CF06-25N](#)



[CF10-50N](#)



[BCF18-125N](#)



[BCF18-25N](#)



[BCF18-50N](#)



[BB125N-50N](#)



[CFTF-14](#)



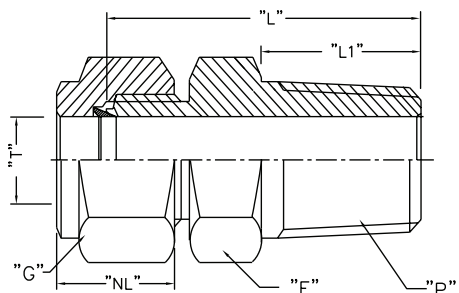
[CFTF-18](#)



pro^{sense}® Compression Mounting Fittings for Temperature Probes

BCF14-125N**BCF14-25N****BCF14-50N****CF18-25N****CF18-50N****CF18-125N**

Dimensions



Note: All threaded connections should be hand tightened and then turned 1 to 2 full turns for proper sealing.

Actual torque required for a proper seal of NPT threads is influenced by tolerance, sealant, lubricant, etc.

ProSense Compression Fittings									
Part No.	Weight (lb)	Description	"T" Tube O.D.	"P" NPT(M)	"L" Body Length*	"L1" Thread Length**	"F" Body Hex**	"G" Nut Hex**	"NL" Nut Length**
BCF18-125N/CF18-125N	0.5	1/8" OD x 1/8" NPT(M)	0.128/0.132	1/8" NPT(M)	0.909"	0.393"	0.5"	0.433"	0.492"
BCF14-125N/CF14-125N	0.5	1/4" OD x 1/8" NPT(M)	0.253/0.257	1/8" NPT(M)	1.0"	0.393"	0.5"	0.559"	0.5"
BCF18-25N/CF18-25N	0.5	1/8" OD x 1/4" NPT(M)	0.128/0.132	1/4" NPT(M)	1.114"	0.551"	0.551"	0.433"	0.492"
BCF14-25N/CF14-25N	0.5	1/4" OD x 1/4" NPT(M)	0.253/0.257	1/4" NPT(M)	1.188"	0.551"	0.551"	0.559"	0.5"
BCF18-50N/CF18-50N	0.5	1/8" OD x 1/2" NPT(M)	0.128/0.132	1/2" NPT(M)	1.377"	0.748"	0.866"	0.433"	0.492"
BCF14-50N/CF14-50N	0.5	1/4" OD x 1/2" NPT(M)	0.253/0.257	1/2" NPT(M)	1.437"	0.748"	0.866"	0.559"	0.5"
CF06-25N	0.18	6 mm OD x 1/4" NPT(M)	0.236/0.240	1/4" NPT(M)	1.174"	0.59"	0.67"	0.55"	0.587"
CF10-50N	0.20	10 mm OD x 1/2" NPT(M)	0.394/0.399	1/2" NPT(M)	1.458"	0.55"	1.06"	0.75"	0.608"

Note: All dimensions are in inches

* w 0.07

** w 0.03

Note: Once the compression fitting has been fully tightened on the probe, the ferrule will be locked onto the probe and cannot be removed or reused.

**Working pressure of compression fitting should not exceed 500 psi. However we recommend any pressure application use a thermowell*



Scan the QR Code or click to view the CF06 & CF10 Compression Fitting Installation Instructions



Bayonet Mounting Adapter for Temperature Sensors

Bayonet Mounting Adapter for Temperature Sensors					
Part Number	Description	Material	Pcs/ Pkg	Wt(lb)	Price
<u>BA-078</u>	Bayonet adapter, 7/8 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT	Stainless Steel (304)	1	0.5	\$4bb:
<u>BA-100</u>	Bayonet adapter, 1 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT		1	0.5	\$4bc:
<u>BA-114</u>	Bayonet adapter, 1-1/4 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT		1	0.5	\$4be:
<u>BA-112</u>	Bayonet adapter, 1-1/2 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT		1	0.5	\$4bd:
<u>BA-200</u>	Bayonet adapter, 2 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT		1	0.5	\$4bf:
<u>BA-212</u>	Bayonet adapter, 2-1/2 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT		1	0.5	\$4bg:
<u>BA-300</u>	Bayonet adapter, 3 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT		1	0.5	\$4bh:
<u>BA-312</u>	Bayonet adapter, 3-1/2 inch long, 7/16 inch outside diameter, 9/32 inch inside diameter, 1/8 inch MNPT		1	0.5	\$4bi:
<u>CF18-BC</u>	Adjustable bayonet compression fitting, for 1/8" diameter probe sheath sensors	Brass	1	0.1	\$0ea#:
<u>BB125N-50N</u>	Reducing bushing, 1/2 MNPT x 1/8 FNPT, hex head		1	0.1	\$-el3:

[BA-078](#)[BA-100](#)[BA-114](#)[BA-112](#)[BA-200](#)[BA-212](#)[BA-300](#)[BA-312](#)[CF18-BC](#)[BB125N-50N](#)

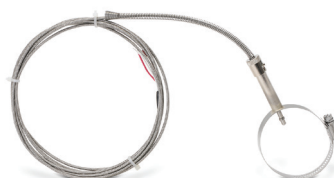
Note: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.

prosense® Pipe Clamp Adapters

**PCA-300**

Overview

- For use with ProSense adjustable immersion thermocouple and RTD sensors
- Available in adjustable diameters from 11/16 to 7 inches
- Provides an easy means of sensing temperature on the outside of a pipe



Shown with optional adjustable immersion sensor

Pipe Clamp Adapters for ProSense Adjustable Immersion Sensors

Part Number	Description	Pcs/ Pkg	Wt(lb)	Price
PCA-125	ProSense pipe clamp adapter, 11/16 to 1-1/4 inch adjustable diameter, 2-inch attached bayonet adapter with 7/16 inch outside diameter and 9/32 inch inside diameter. Use with Prosense adjustable immersion sensors.	1	0.1	\$-04bj:
PCA-200	ProSense pipe clamp adapter with 1-1/16 to 2 inch adjustable diameter, 2-inch attached bayonet adapter with 7/16 inch outside diameter and 9/32 inch inside diameter. Use with Prosense adjustable immersion sensors.	1	0.1	\$04bk:
PCA-300	ProSense pipe clamp adapter with 2-1/16 to 3 inch adjustable diameter, 2-inch attached bayonet adapter with 7/16 inch outside diameter and 9/32 inch inside diameter. Use with Prosense adjustable immersion sensors.	1	0.1	\$-04bl:
PCA-425	ProSense pipe clamp adapter with 3-5/16 to 4-1/4 inch adjustable diameter, 2-inch attached bayonet adapter with 7/16 inch outside diameter and 9/32 inch inside diameter. Use with Prosense adjustable immersion sensors.	1	0.1	\$04bn:
PCA-500	ProSense pipe clamp adapter with 4-1/8 to 7 inch adjustable diameter, 2-inch attached bayonet adapter with 7/16 inch outside diameter and 9/32 inch inside diameter. Use with Prosense adjustable immersion sensors.	1	0.1	\$04bo:

Dimensions

inches [mm]

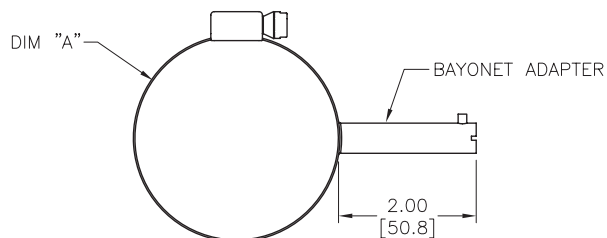


TABLE A

PART NUMBER	DIM "A"	FITS PIPE SIZES
PCA-125	ø0.68–1.25 [ø17.2–31.7]	1/2 TO 3/4 NPS
PCA-200	ø1.06–2.00 [ø26.9–50.8]	1 TO 1-1/2 NPS
PCA-300	ø2.06–3.00 [ø52.3–76.2]	2 TO 2-1/2 NPS
PCA-425	ø3.31–4.25 [ø84.1–108.0]	3 TO 3-1/2 NPS
PCA-500	ø4.12–7.00 [ø104.6–177.8]	4 TO 6 NPS

prosense® Thermocouple, RTD, and Thermistor Connectors

Overview

- Glass-filled high quality thermoplastic body with original thermocouple material pins and spring-loaded inserts
- Polarized pins
- Molded barriers prevent short circuit
- Captive central cover screw for easy assembly
- Easy wire connection pressure plate
- construction
- Stainless steel screws with combination head (Slotted and Phillips)
- 3-pin standard connectors have a third pin for ground or continuous shield, or for 3-wire RTDs

Thermocouple, RTD, and Thermistor Connectors									
Part Number	Pcs/ Pkg	Wt(lb)	Price	Sensor Type	Connector Type	Temperature Rating	Body Color	Wire Size	Wire Cable Clamp Bracket
<u>THMJ-SP</u>	1	0.5	\$-43i:	J	Standard round pin plug	Max continuous 400°F (200°C)	Black	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>THMJ-SJ</u>	1	0.5	\$43h:		Standard round pin jack				—
<u>THMJ-SPJ</u>	1	0.5	\$-043j:		Standard round direct mount jack				—
<u>THMJ-MP</u>	1	0.5	\$;43f:		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
<u>THMJ-MJ</u>	1	0.5	\$43e:		Miniature flat pin jack				—
<u>THMJ-MPJ</u>	1	0.5	\$43g:		Miniature round direct mount jack				—
<u>THMK-SP</u>	1	0.5	\$43s:	K	Standard round pin plug		Yellow	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>THMK-SJ</u>	1	0.5	\$43q:		Standard round pin jack				—
<u>THMK-SPJ</u>	1	0.5	\$;043t:		Standard round direct mount jack				—
<u>THMK-MP</u>	1	0.5	\$43o:		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
<u>THMK-MJ</u>	1	0.5	\$43n:		Miniature flat pin jack				—
<u>THMK-MPJ</u>	1	0.5	\$43p:		Miniature round direct mount jack				—
<u>THMK-HSP</u>	1	0.5	\$-043l:		Standard hi-temp round pin plug	Max continuous 662°F (350°C)	Brown	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>THMK-HSJ</u>	1	0.5	\$043k:		Standard hi-temp round pin jack				
<u>THMT-SP</u>	1	0.5	\$43z:	T	Standard round pin plug	Max continuous 400°F (200°C)	Blue	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	—
<u>THMT-SJ</u>	1	0.5	\$43y:		Standard round pin jack				
<u>THMT-SPJ</u>	1	0.5	\$;043j:		Standard round direct mount jack				
<u>THMT-MP</u>	1	0.5	\$43v:		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
<u>THMT-MJ</u>	1	0.5	\$43u:		Miniature flat pin jack				
<u>THMT-MPJ</u>	1	0.5	\$43x:		Miniature round direct mount jack				
<u>RTD-SP</u>	1	0.5	\$42x:	RTD	Standard round pin plug		White	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>RTD-SJ</u>	1	0.5	\$042v:		Standard round pin jack				
<u>NTC-SJ</u>	1	0.5	\$;6a1q:	Thermistor	Standard round pin jack				

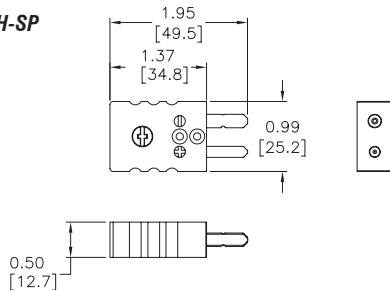
[THMT-SP](#)[THMT-SJ](#)[THMK-SP](#)[THMK-SJ](#)[THMK-MP](#)[THMJ-MJ](#)[THMT-SPJ](#)[THMT-MPJ](#)[RTD-SP](#)[RTD-SJ](#)[THMK-HSP](#)[THMK-HSJ](#)[NTC-SJ](#)

prosense® Thermocouple, RTD, and Thermistor Connectors

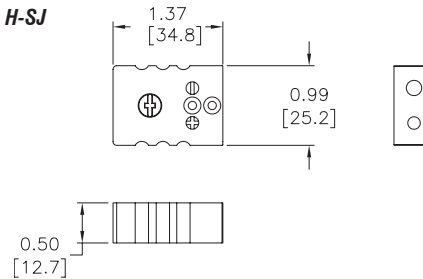
Dimensions

inches [mm]

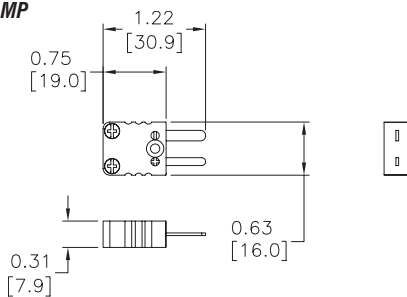
THMJ, K, T, & H-SP



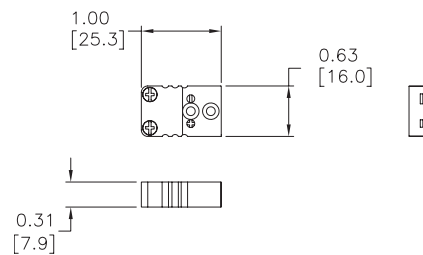
THMJ, K, T, & H-SJ



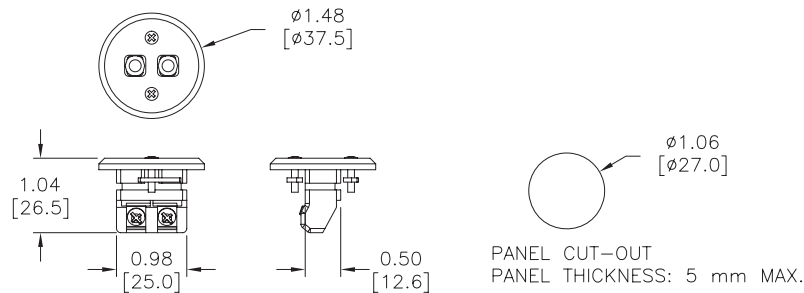
THMJ, K, & T-MP



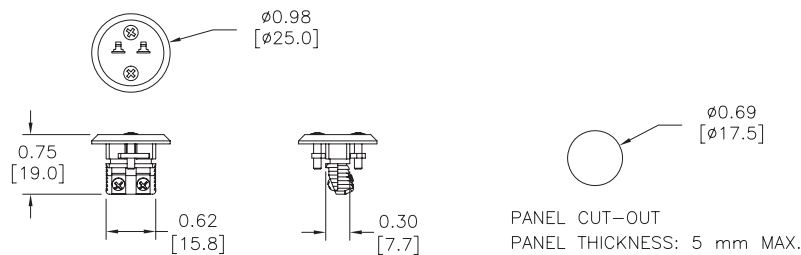
THMJ, K, & T-MJ



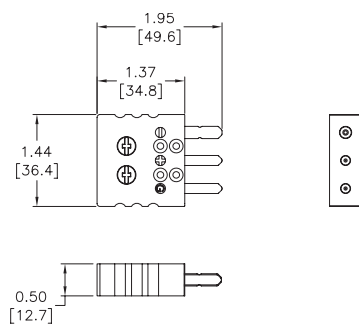
THMJ, K, & T-SPJ



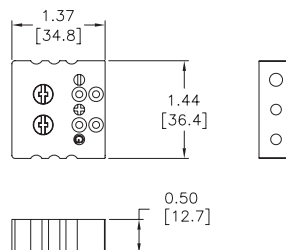
THMJ, K, & T-MPJ



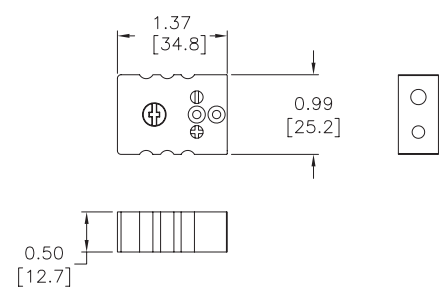
RTD-SP



RTD-SJ



NTC-SJ





Thermocouple and RTD Connectors

WCB-S



WCB-M



WCB-S Application



WCB-M Application

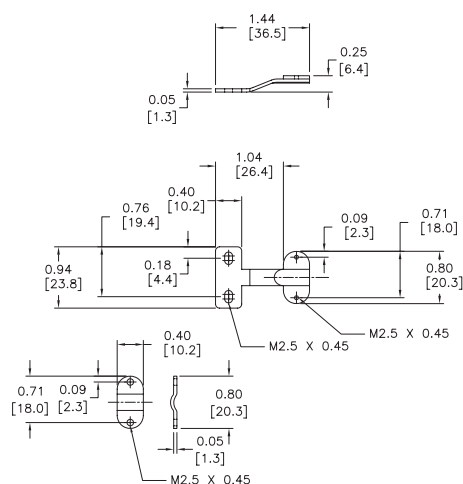


Thermocouple and RTD Connectors Accessories				
Part Number	Pcs/ Pkg	Wt(lb)	Price	Description
<u>WCB-S</u>	10	0.5	\$05hp:	Wire / cable clamp bracket for use with standard thermocouple and RTD connectors.
<u>WCB-M</u>	10	0.5	\$05ho:	Wire / cable clamp bracket for use with miniature thermocouple connectors.

Dimensions

inches [mm]

WCB-S



WCB-M

