imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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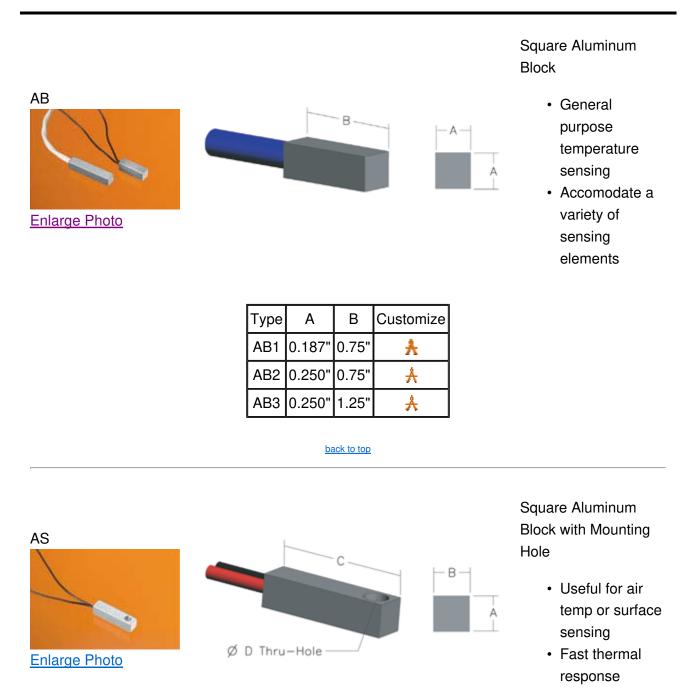
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



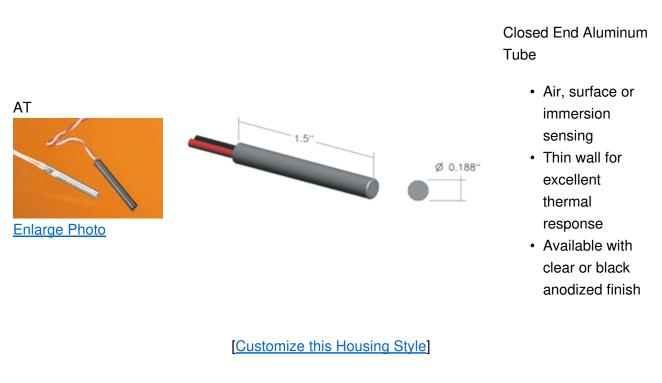


A Spectrum Control Business

Housing Styles

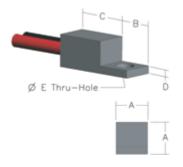


Туре	А	В	С	D	Customize
AS1	0.250"	0.250"	1.0"	0.142"	Å
AS2	0.250"	0.75"	1.0"	0.189"	Â
AS3	0.125"	1.25"	0.75"	0.125"	ń



back to top





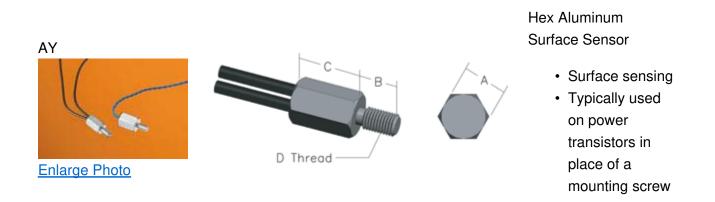
Square Aluminum Surface Sensor

- Useful for air temp or surface sensing
- Rugged housing with good thermal properties
- · Easy to mount
- Shape allows for good

thermal contact to flat surfaces

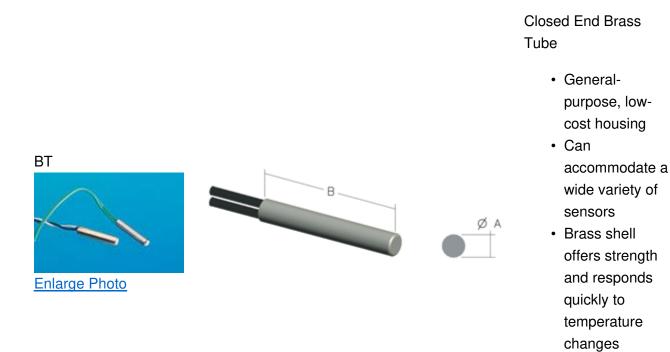
Туре	А	В	С	D	E	Customize
AX1	0.250"	0.400"	0.85"	0.115"	0.172"	¥
AX2	0.250"	0.265"	0.400"	0.062"	0.147"	Å
AX3	0.250"	0.265"	0.625"	0.062"	0.147"	¥
AX4	0.250"	0.265"	0.735"	0.062"	0.147"	¥
AX5	0.312"	0.350"	0.400"	0.062"	0.147"	¥
AX6	0.312"	0.475"	0.400"	0.062"	0.203"	¥

back to top



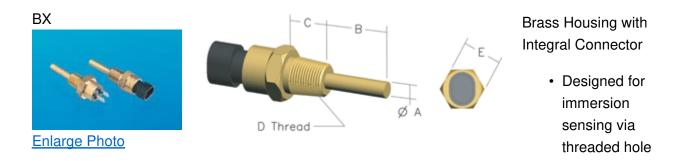
Туре	А	В	С	D	Customize
AY1	0.250"	0.250"	0.400"	6-32	¥
AY2	0.312"	0.250"	0.400"	6-32	¥
AY3	0.312"	0.375"	0.75"	8-32	¥





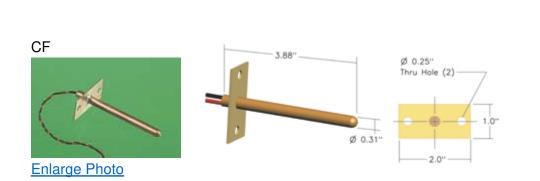
 Available as nickel-plated or with no plating

Туре	Plating	А	В	Customize
BT1	Nickel	0.185"	1.25"	¥
BT2	Nickel	0.200"	1.25"	Å
BT3	Nickel	0.231"	1.25"	٨
BT4	Nickel	0.250"	1.75"	Å
BT5	None	0.250"	1.75"	¥
BT6	Nickel	0.375"	1.75"	A



- Integral connectors allow for compact size
- Mating cable assembly can also be provided
- Options include other connector types

Туре	А	В	С	D	E	Customize
BX1	0.250"	1.0"	0.620"	1/4-18 NPT	3/4"	٨
BX2	0.188"	0.75"	0.400"	1/8-27 NPT	7/8"	A

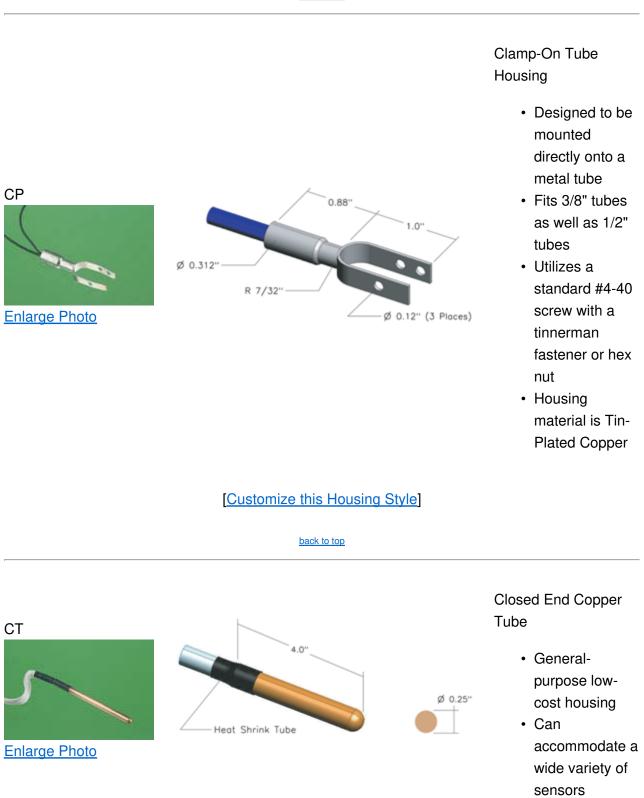


Copper Tube with Flange

- Generalpurpose housing used primarily for air sensing
- Rugged copper tube construction with brass flange
- Length from flange bottom to housing tip is 3.4" (TYP)

Customize this Housing Style

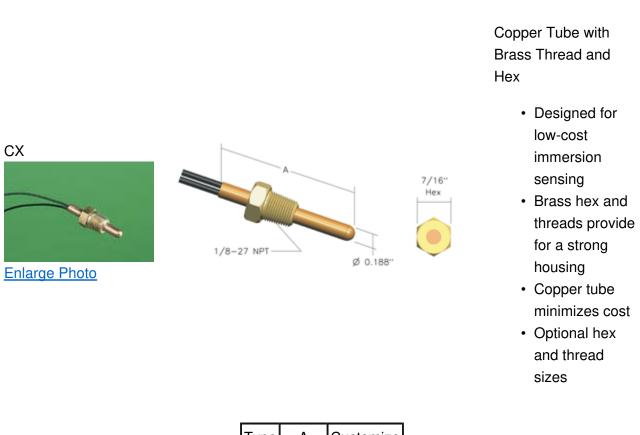




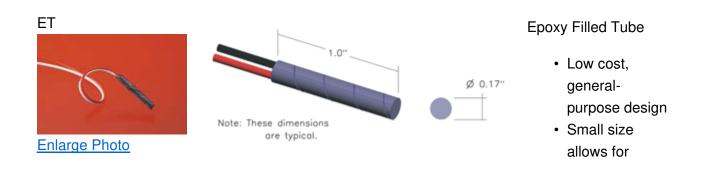
 Heat shrink tube is optional

[Customize this Housing Style]

back to top



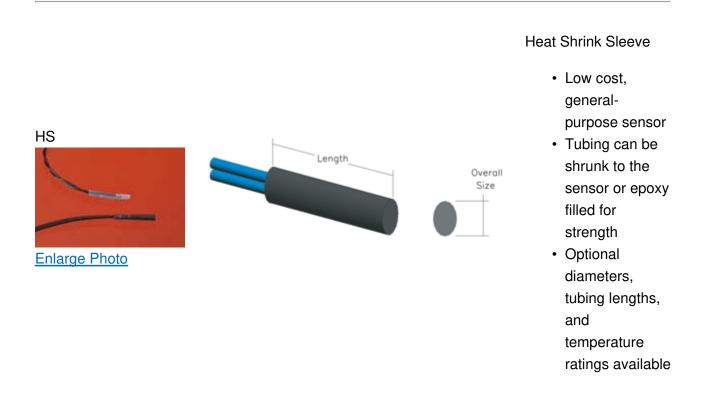
Ту	ре	А	Customize
C)	K 1	0.138"	Å
C)	\ 2	9.0"	¥



sensing in close areas such as motor windings

- Useful in areas where metal shell is not feasible
- Available in various sizes and materials according to sensor size and temperature specifications
- Can be
 assembled as a
 moisture
 resistant unit

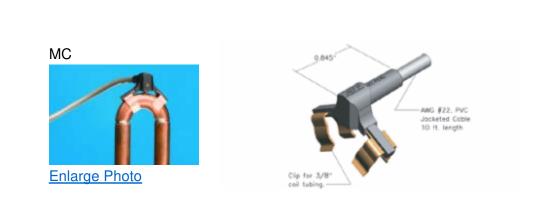
Customize this Housing Style



 Can be assembled as a moisture resistant unit

Customize this Housing Style

back to top

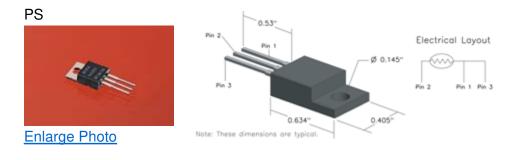


Customize this Housing Style

Sens-A-Coil Temperature Sensor

- Available to fit standard return bends to 3/8" coil tubing
- Easy installation
 just snaps on
- Excellent thermal tracking

back to top



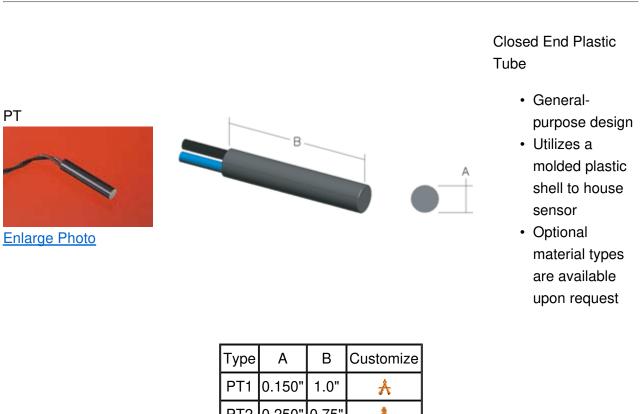
TO220 Plastic Surface Sensor

- Utilizes industry standard TO-220 package
- Ideal for automated assembly processes
- Can be used as a through-hole device or

mounted to a heat sink

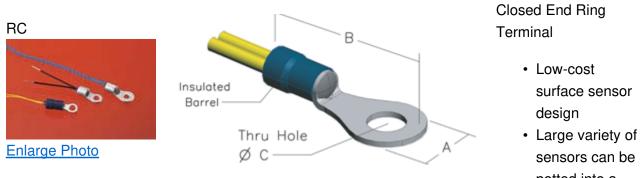
Customize this Housing Style

back to top



Туре	А	В	Customize
PT1	0.150"	1.0"	¥
PT2	0.250"	0.75"	٨
PT3	0.250"	2.0"	¥
PT4	0.280"	1.5"	¥

back to top



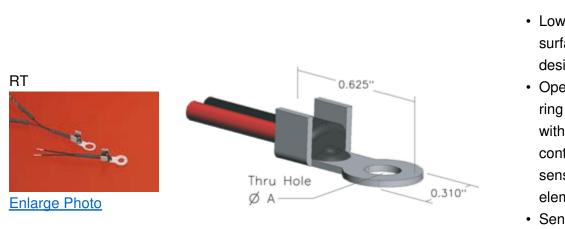
potted into a

closed-end ring terminal

 Variety of barrel sizes and lengths available

Туре	Barrel	А	В	С	Customize
RC1	Short	0.285"	0.625"	#4 - #6	¥
RC2	Short	0.375"	0.78"	#6 - #10	¥
RC3	Short	0.530"	1.0"	5/16"	¥
RC4	Insulated	0.250"	0.80"	#6	¥
RC5	Long	0.406"	1.5"	#10	¥
RC6	Long	0.500"	1.75"	1/4"	¥

back to top



Open End Ring Terminal

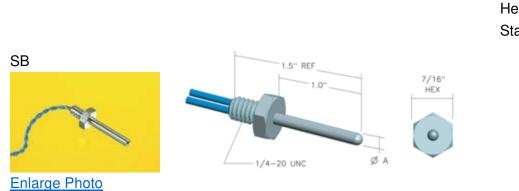
- Low-cost surface sensor design
- Open ended ring terminal with epoxy that contains the sensing element
- Sensor is normally electrically isolated from the ring terminal

Туре	Α	Customize
RT1	#6	A
RT2	#10	٨



Customize this Housing Style

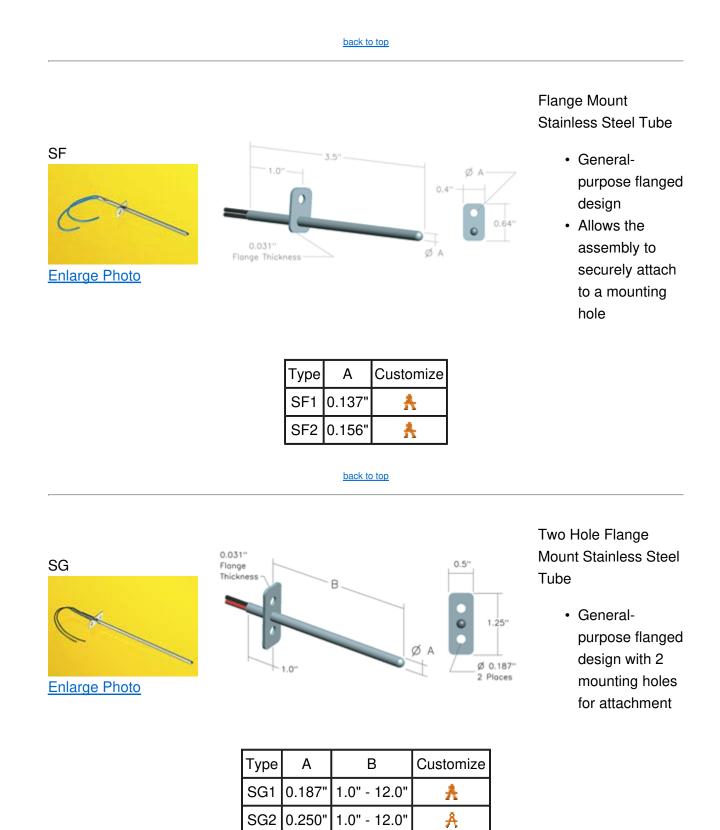
back to top

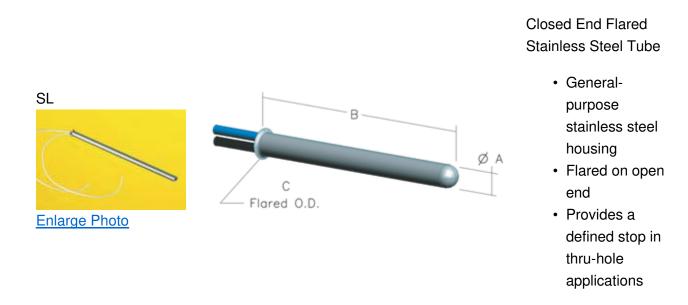


Hex Head Bolt with Stainless Steel Tube

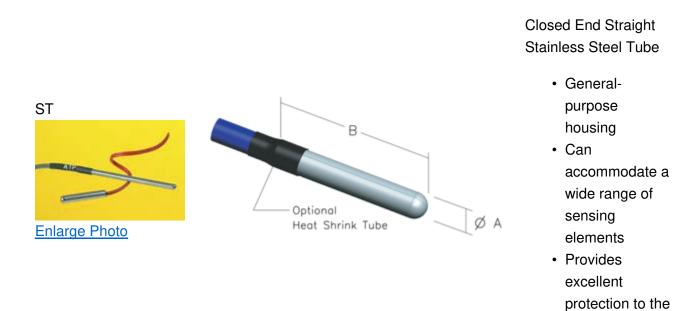
- Primarily intended for immersion applications
- Stainless steel housing with threads on backside of hex

Γ	Гуре	А	Customize
[SB1	0.125"	Å
[SB2	0.156"	A





Туре	А	В	С	Customize
SL1	0.187"	1.0" - 12.0"	0.250"	*
SL2	0.250"	1.0" - 12.0"	0.288"	¥



http://www.specsensors.com/housingstyles.asp

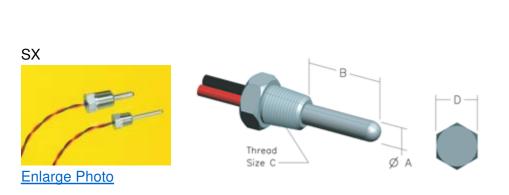
sensing

element from various environmental conditions

- Wide range of
 wall thicknesses
- Various grades of stainless steel
- Tubing can be altered/bent for retention purposes in a thermowell

Туре	А	В	Customize
ST1	0.125"	0.5" - 6.0"	Å
ST2	0.156"	1.0" - 9.0"	¥
ST3	0.187"	1.0" - 12.0"	¥
ST4	0.205"	1.0" - 12.0"	¥
ST5	0.250"	1.0" - 12.0"	¥
ST6	0.375"	1.0" - 12.0"	¥

back to top



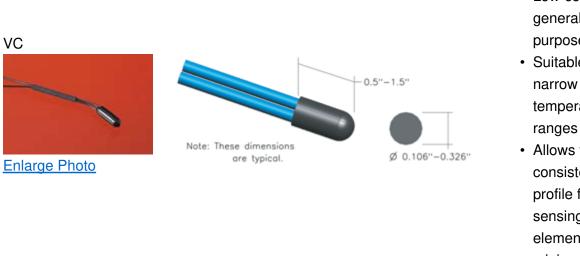
Stainless Steel Hex Head Pipe Plug with Closed End Tube

- Designed primarily as an immersion type sensor
- Available in a wide variety of hex sizes,

threads, and lengths

Туре	А	В	С	D	Customize
SX1	0.125"	0.5" - 6.0"	1/8 - 27 NPT	7/16"	¥
SX2	0.156"	1.0" - 9.0"	1/8 - 27 NPT	7/16"	¥
SX3	0.187"	1.0" - 12.0"	1/8 - 27 NPT	7/16"	A
SX4	0.250"	1.0" - 12.0"	1/8 - 27 NPT	7/16"	¥
SX5	0.125"	0.5" - 3.0"	1/4 - 18 NPT	9/16"	Å
SX6	0.156"	1.0" - 9.0"	1/4 - 18 NPT	9/16"	٨
SX7	0.187"	1.0" - 12.0"	1/4 - 18 NPT	9/16"	٨
SX8	0.250"	1.0" - 12.0"	1/4 - 18 NPT	9/16"	Å

back to top



Closed End Vinyl Cap

- Low-cost, general
 - purpose design
- Suitable for narrow temperature
- Allows for consistent profile for sensing element with minimal affect

on response time

- Useful where the sensing unit needs protection from its environment, but not the strength of a metal shell
 Additional standard
 - standard diameters and lengths available upon request

Customize this Housing Style

back to top

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