

# BUTTON SENSORS



**Example:** Single 3-wire RTD with 0.125" x 0.300" button and stainless steel overbraid.

## BUTTON STYLE

<b>571</b> – 0.125" x 0.300"	<b>573</b> – 0.250" x 0.250"
<b>572</b> – 0.188" x 0.250"	<b>570</b> – 0.275" x 0.250"
<b>569A</b> – 0.188" x 0.250" TOP HAT WITH 0.313" CLIP	
<b>569B</b> – 0.188" x 0.250" TOP HAT WITH 0.375" CLIP	

## TYPE

RTD	
<b>E1</b> – 100 Ω Pt (385)	<b>N7</b> – 120 Ω Ni
<b>J1</b> – 100 Ω Pt (392)	
THERMOCOUPLE	
<b>E</b> – CHROMEL / CONSTANTAN	<b>K</b> – CHROMEL / ALUMEL
<b>J</b> – IRON / CONSTANTAN	<b>T</b> – COPPER / CONSTANTAN

## ELEMENT CONFIGURATION

RTD	SINGLE THERMOCOUPLE
<b>S2</b> – SINGLE 2-WIRE	<b>SG</b> – GROUNDED
<b>S3</b> – SINGLE 3-WIRE	<b>SR</b> – UNGROUNDED
<b>S4</b> – SINGLE 4-WIRE	
<b>D4</b> – DUAL 2-WIRE	
<b>D6</b> – DUAL 3-WIRE	
DUAL THERMOCOUPLE	
<b>DGX</b> – INDIVIDUAL GROUNDED	
<b>DRX</b> – INDIVIDUAL UNGROUNDED	
<b>DGY</b> – COMMON GROUNDED	
<b>DRY</b> – COMMON UNGROUNDED	

## INSULATION COVERING

<b>T</b> – INDIVIDUAL TEFLON
<b>TT</b> – TEFLON OVERJACKET
<b>KK</b> – KAPTON OVERJACKET
<b>TS</b> – TEFLON W/ SS OVERBRAID
<b>KS</b> – KAPTON W/ SS OVERBRAID

## POLYOLEFIN SHRINK (OPTIONAL)

<b>_C</b> – CLEAR SHRINK
<b>_B</b> – BLACK SHRINK

## GAUGE SIZE

CONSTRUCT	20 AWG	24 AWG	26 AWG	28 AWG	30 AWG
SOLID	1	3	5	7	9
STRANDED	2	4	6	8	–

## FEEDTHROUGH (OPTIONAL)

DIAMETER CODE (D)	Diagram	
<b>1</b> – 0.188"		
<b>2</b> – 0.215"		
<b>3</b> – 0.250"		
	D	L2

## BABBITT TIP

<b>WB</b> – WITH BABBITT
<b>WO</b> – WITHOUT BABBITT

BUTTON STYLE	ELEMENT CONFIG.	TYPE	INSULATION	GAUGE SIZE	LEAD LENGTH (IN)	BABBITT TIP	FEEDTHROUGH OPTION
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