



STANDARD MODEL NO
PROCESS CONNECTION (0)

FLEXIBLE MOUNT SHEET METAL
PROCESS CONNECTION (FM)
(SLOTTED FOR PIPE CLAMP
TYPE MOUNTING)

SURFACE MOUNT SOLID PLATE
(1/16" THK ALUMINUM)
PROCESS CONNECTION (SM)

INTEMPCO MODEL	ELEMENT TYPE TOL	CIRCUIT TYPE	MOUNTING	EXTENSION TYPE LENGTH "E"
R * 30	()	()	()	S I L ()
<div> <div>L</div> <div>Low Temp. -50 to 200°C</div> </div>	<div> <div>P</div> <div> $\alpha = .003850$ $100\Omega @ 0^\circ\text{C}$ DIN 43760 </div> <div>Other elements available. See end of RTD section.</div> </div>	<div> <div>CODE</div> <div>CIRCUIT</div> </div>	<div> <div>PROCESS CONNECTION</div> <div>CODE</div> </div>	<div> <div>WIRE IS SILICON INSULATED 22 GAUGE STRANDED SINGLE CONDUCTOR.</div> </div>
	<div> <div>TOL.</div> <div>CODE</div> </div>	<div> <div>CODE</div> <div>CIRCUIT</div> </div>		
	<div> <div>0.1%</div> <div>1</div> </div>	<div> <div>S2</div> <div>Single-2 wire</div> </div>		
	<div> <div>0.03%</div> <div>3</div> </div>	<div> <div>S3</div> <div>Single-3 wire</div> </div>		
	<div> <div>0.01%</div> <div>5</div> </div>	<div> <div>S4</div> <div>Single-4 wire</div> </div>		

(in inches)

See end of RTD section for details.

FLEXIBLE SURFACE-MOUNT RTDs

Also known as strap-on RTD's, these flexible sensors are designed to be mounted directly onto a pipe or other surface where temperature measurement is desired. Due to their excellent thermal conductivity and large surface area, these sensors offer a rapid response time. These probes are typically used where direct immersion measurement is difficult. For example, flexible RTD's mounted on the surface of a pipe offers a good approximation of the fluid temperature carried inside; motors fitted with strap-on RTD's can be monitored for overheating. Their silicone body is naturally moisture resistant and can withstand industrial conditions.

Flexible surface-mount units have high accuracy over their useable range of approximately -50°C [-100°F] to 260°C [500°F].