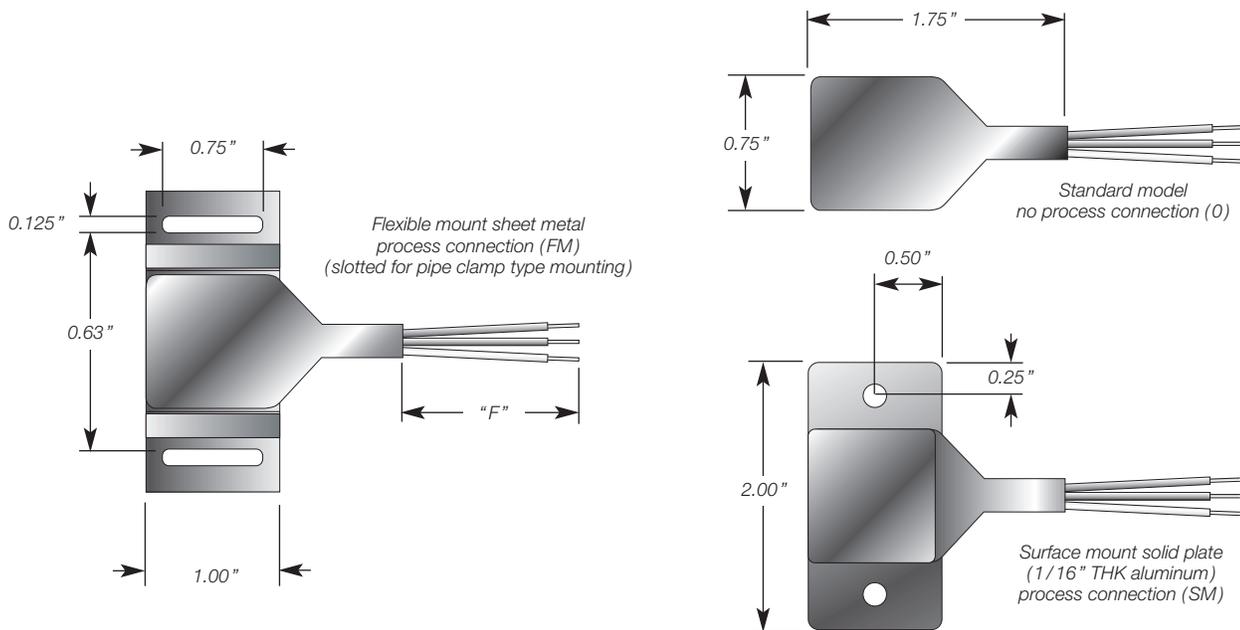


# RTD R30

Surface Mount RTD - Flexible Silicone Type



## Flexible Surface-Mount RTD

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 200°C (392°F).

## Custom Builder

MODEL      1      2      3      4      5      6

**R\_30** -  -  -  -  -  -

MODEL CODE	Temperature Range
L	Low temperature -50 to 200°C (-58/392°F)

BOX1 CODE	Element Type
P	100Ω @ 0°C, α = 0.00385 DIN EN 60751

Other elements available. Consult factory.

BOX2 CODE	Element Tolerance
1	±0.12% (±0.3°C) @ 0°C, Class B
4	±0.23% (±0.6°C) @ 0°C, Class C

Other tolerances available. Consult factory.

BOX3 CODE	RTD Circuit Type
S2	Single, 2 wire
S3	Single, 3 wire
S4	Single, 4 wire

BOX4 CODE	Process Connection
0	None
FM	Flexible Mount
SM	Surface Mount

BOX5 CODE	Lead Wire Insulation "F"		
	Each Cond.	Overall Jacket	Temp. Range
TF	Teflon	Teflon	200°C (392°F)
TN	Teflon	None	200°C (392°F)

BOX6 CODE	Extension Cable Length "F"
---	In inches Ex.: <b>065</b> = 65" long