Heating Cable

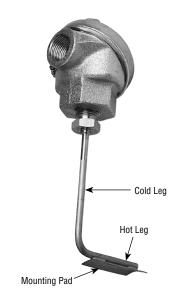
RBF

Heat Trace or Pipe Sensor

- Heat Trace or Pipe Sensing Applications
- · 316 Stainless Steel Sheath
- Moisture Resistant Heads
- 3/4" or 1/2" NPT Threaded Extension Wire Opening
- 4" to 8" Cold Leg Standard for Varying Insulation Depths
- 100 ohm RTD, ± .12% Accuracy
- · Fiberglass Insulated RTD Probe
- RTD or Universal Transmitter Available (Must Specify Temperature Range)

Description

For measuring the surface temperature of process piping that is carrying products whose temperatures must be controlled to prevent freeze-up, or to maintain a viscosity level so that the inner medium will flow. The RTD Sensor Element is made up with a 316SS sheath, and with a stainless steel mounting pad. Cold legs are available in customer specified lengths to accommodate pipe insulation thickness.



	Sensor	Insulation	Commor	n Range	Range (°F)	
Model			Junction	Min	Max	
RBF185M-HT	RTD	Fiberglass		-100	900	
	Sheath Le Code Hot		eg Lengths Cold			
	304 306 308	3" 3" 3"	4" 6" 8"			
		Code	Mounting Pad	ls		
		18RD	Fits All Pipe Sizes*			
			Code	Connection Heads		
			31SB/C 49SB/C 91SB/C 93SB/C 94SB/C	Aluminum Flip top Aluminum 316L Stainless Ste Aluminum 316L Stainless Ste	el	
RBF-185M-HT	304	18RD	31SB/C			

^{*}Mounting pads conform to pipe with pipe clamps

In Stock:

Model	PCN	Stock Status
RBF185M-HT-304-18RD-31SB/C	317315	ST
RBF185M-HT-304-18RD-93SB/C	317340	ST
RBF185M-HT-304-18RD-49SB/C	399517	NS
RBF185M-HT-304-18RD-91SB/C	317323	NS
RBF185M-HT-304-18RD-94SB/C	399550	NS

Approvals Chart

0	Approval Agency						
Connection Head	FM	CSA	ATEX	IECEx			
31SB/C	N/A	N/A	N/A	N/A			
49SB/C	N/A	N/A	N/A	N/A			
91SB/C	N/A	N/A	N/A	N/A			
93SB/C	Class I Division 1; Groups A,B,C,D DIP Class II Division 1; Groups E,F,G Class III; Type 4/4X	Class I Division 1; Groups A,B,C,D DIP Class II Division 1; Groups E,F,G Class III; Type 4/4X Class I Zone 1 AEx d IIC Gb; Zone 21 Aex tb IIIC Db; IP66	Ex II 2 GD Ex db IIC Gb; Ex tb IIIC Db; IP66	Ex db IIC Gb; Ex tb IIIC Db; IP66 Ta = -20°C to 100°C			
94SB/C	Class I Division 1; Groups A,B,C,D DIP Class II Division 1; Groups E,F,G Class III; Type 4/4X	Class I Division 1; Groups A,B,C,D DIP Class II Division 1; Groups E,F,G Class III; Type 4/4X Class I Zone 1 AEx d IIC Gb; Zone 21 Aex tb IIIC Db; IP66	Ex II 2 GD Ex db IIC Gb; Ex tb IIIC Db; IP66	Ex db IIC Gb; Ex tb IIIC Db; IP66 Ta = -20°C to 100°C			



[†]Replaces RBF185M-HT-0304-18RD-71SB/C