**DIGITAL TEMPERATURE SWITCH PROBES & ACCESSORIES**

Probes to be used with TS2, TSS2, TSWB, TSW, TS3, TSX3, and 40M

**FEATURES/BENEFITS**
- 5 or 10 foot cable lengths
- PTC or NTC temperature curves
- Vapor-filled copper capillary sensing element
- Wood or petrol boilers
- Brewing systems
- HVAC equipment
- Heat exchangers and cooling coils
- Refrigerated cabinets
- Walk in coolers
- Food service equipment
- Medical sterilizers or equipment
- Condensing equipment
- Humidity Limit: 14°F to 158°F (1°C to 70°C)
- Storage Temperature: 39°F to 122°F (-9°C to 50°C)
- Operating Temperature: 14°F to 54°F (-10°C to 12°C)
- Ambient Temperature: 0°F to 122°F (-18°C to 50°C)
- Capillary Overload Temperature: 14°F to 158°F (-10°C to 70°C)
- Capillary: 5 or 10 foot cable lengths
- Automatic and Manual reset
- Joint spring protector at capillary-bellow connection
- Electronic reset in digital probes
- Operating Temperature: 0°F to 122°F (-18°C to 50°C)
- Storage Temperature: 0°F to 50°F (-18°C to 10°C)
- Capillary: Vapor-filled copper
- Manual and automatic reset

**APPLICATIONS**
- Wood or pellet boilers
- Medical sterilizers or equipment
- Food service equipment
- Walk in coolers
- HVAC equipment
- Heat exchangers and cooling coils
- Refrigerated cabinets
- Walk in coolers
- Food service equipment
- Medical sterilizers or equipment
- Brewing systems
- Condensing equipment
- Humidity Limit: 14°F to 158°F (1°C to 70°C)
- Storage Temperature: 39°F to 122°F (-9°C to 50°C)
- Operating Temperature: 14°F to 54°F (-10°C to 12°C)
- Ambient Temperature: 0°F to 122°F (-18°C to 50°C)
- Capillary Overload Temperature: 14°F to 158°F (-10°C to 70°C)
- Capillary: 5 or 10 foot cable lengths
- Automatic and Manual reset
- Joint spring protector at capillary-bellow connection
- Electronic reset in digital probes
- Operating Temperature: 0°F to 122°F (-18°C to 50°C)
- Storage Temperature: 0°F to 50°F (-18°C to 10°C)
- Capillary: Vapor-filled copper
- Manual and automatic reset
- Joint spring protector at capillary-bellow connection
- Electronic reset in digital probes
- Operating Temperature: 0°F to 122°F (-18°C to 50°C)
- Storage Temperature: 0°F to 50°F (-18°C to 10°C)
- Capillary: Vapor-filled copper

**SERIES DFS2**

**LOW LIMIT FREEZE PROTECTION SWITCH**

Manual and Automatic Reset

The Series DFS2 Low Limit Freeze Protection Switch protects cooling coils in air handler systems by preventing frost build-up. The thermostat and its capillary sensing element provide an antifreeze function by sensing the lowest temperature along any one foot section of capillary. The DPDT manual or automatic reset relays signal the building management system as well as cut off the fan. The Series DFS2 will detect temperature drops below the fixed safety value (set point) which can be set as low as 39°F (1°C) utilizing the visual set point indicator and set point screw.

**FEATURES/BENEFITS**
- Vapor-filled copper capillary sensing element
- Joint spring protector at capillary-bellow connection
- Set point safety-lock protection and simple adjustment
- Easy installation and wiring
- Automatic and manual reset

**APPLICATIONS**
- HVAC equipment
- Heat exchangers and cooling coils

**SPECIFICATIONS**

- Sensing Element: Vapor-filled capillary.
- Operating Temperature: 14°F to 54°F (-10°C to 12°C).
- Storage Temperature: 39°F to 122°F (20°C, maximum 60 minutes).
- Humidity Limit: 0 to 95% RH, non-condensing.
- Enclosure: Galvanized steel base, ABS cover.
- Enclosure Rating: NEMA 1 (IP40).
- Capillary Material: Copper.
- Cable Entry: (1) M20 compression fitting.

**ACCESSORIES**

- Model Description
  - A-DFS2-C: Capillary mounting clips