



TEMPERATURE

THERMAL RIBBON RTD

S101144, S469, S665PDY48BC, S667PDY40BC

DESCRIPTION

The **Minco Model S101144 and S469 Self-adhesive, Flexible Ribbons RTD Sensors** feature imbedded RTDs to sense temperature. The platinum 1000Ω RTD sensor is inserted and used with a transmitter or directly into a BAS system. The self-adhesive backing makes installation easy and it adheres to all types of surfaces. The flexible thin ribbon maximizes contact to the measured surface which makes response time very fast. The accuracy is the same as immersion sensors.

The **Minco S665 & S667 Series RTD Sensors** are 100 ohm flexible ribbon sensors that are easily adaptable to most any clean, flat surface. The **S665 Series** is a thin film sensor with an elastomer cover. The **S667 Series** is a silicone rubber, elastomer covered thin film sensor with a foil backing, capable of submersion applications.

FEATURES

- **Small, flexible, and thin**
- **Platinum stability and accuracy**
- **Fast response**
- **Easy mounting**
- **Self-adhesive backing**
- **Pliable**

APPLICATION

- **Metal pipe**
- **Metal tanks**
- **Windows**
- **Glass displays**
- **Condensation control with dew point sensor**

MINCO



S469PW



S101144PW



Close-up of sensor tip



AC766

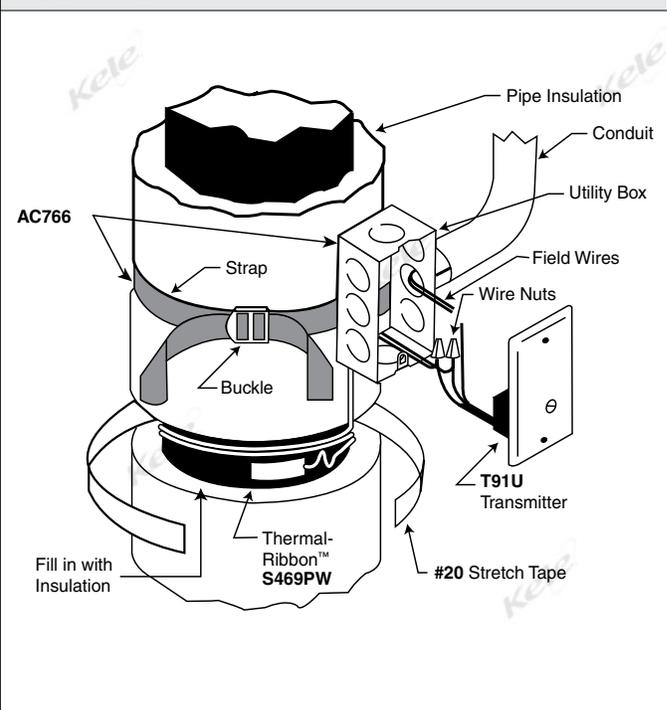


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SPECIFICATIONS

Accuracy	±0.12% @ 0°C
Stability	<0.1°C/year
Time Constant	1 sec
Measurement Range	-4° to 350°F (-20° to 177°C)
Sensor Type	
Type PW	1000Ω platinum RTD TCR 0.00375 Ω/Ω/°C (385 available)
Type PD	100Ω platinum RTD TCR 0.00385 Ω/Ω/°C
Materials of Construction	Polyamide film with elastomer cover, silicone rubber
Mounting	Adhesive backing (flat surface) AC766 pipe-mount kit with tape (conduit) #20 stretch tape (round surface)
Wiring Terminations	26 AWG stranded copper
Dimensions	
S665PDY48BC	0.472"W X 0.197"H, 48" leads (1.2 X 0.5 cm)
S667PDY40BC	0.600"W X 0.197"H, 40" leads (1.5 X 0.5 cm)
Weight	0.1 lb (0.05 Kg)
Warranty	3 years

MOUNTING



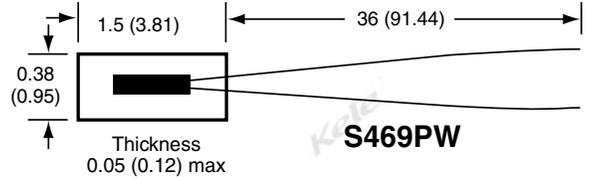
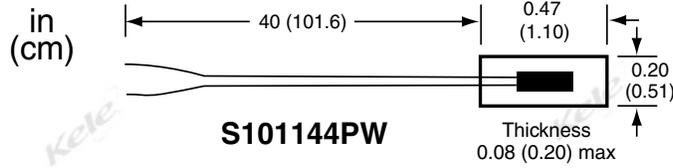
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DIMENSIONS



ORDERING INFORMATION

MODEL	DESCRIPTION
S101144PW	1000Ω, 375 thermal tab RTD with adhesive backing
S469PW	1000Ω, 375 rubber strip RTD with adhesive backing
S665PDY48BC	100Ω Thermal tab thin film adhesive back elastomer cover
S667PDY40BC	100Ω Thermal tab thin film adhesive back silicone rubber, waterproof

RELATED PRODUCTS	
#20	Self-vulcanizing stretch tape, 6' (1.83m) roll, 1" (2.54 cm) wide
AC766	Pipe mount kit with #20 stretch tape and 5' (1.5m) nylon strap
T81U Series	Temperature transmitter for type 81, 385 platinum curve sensor, track mounted
T91U Series	Temperature transmitter for type 91, 375 platinum curve sensor, track mounted