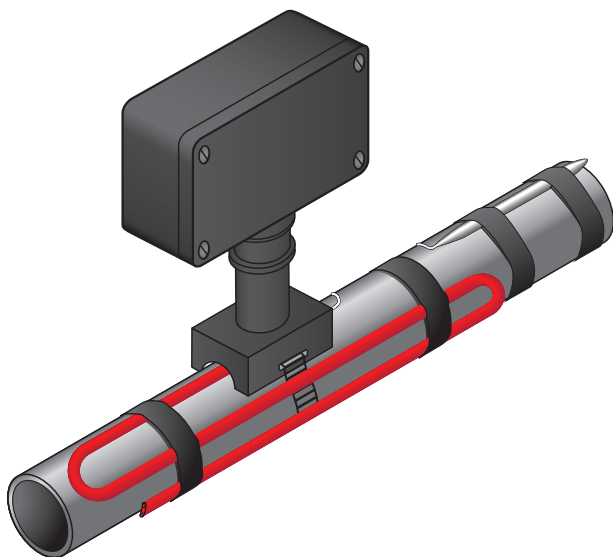


PRODUCT OVERVIEW



The Chromalox® UBC line sensing thermostat power connection kit is a NEMA 4X, IP66 rated, single entry junction box for connecting SRL, SRP, SRM/E and CWM heating cable in freeze protection, piping process temperature maintenance, or fluid flow and viscosity maintenance applications, to customer supplied power and ambient air or pipe temperature control output. This kit provide water resistant cable entry for one cable, enclosure support, terminal block, and a water and corrosion resistant wiring enclosure with a ¾-inch (19 mm) opening to accept a conduit hub (Chromalox CCH-2 or equal) and is approved for use in ordinary areas. The enclosure is molded of durable, high performance polyphenylene sulfide (PPS) thermoplastic that is corrosion resistant, non-flammable, impact resistant, resistant to acids and alkalis, resistant to sunlight and abrasion, exhibits high strength and resistance, and provides high temperature stability. The temperature sensor probes are stainless steel to ensure the integrity of the system. A pipe strap (Chromalox PS Series) is required for a complete installation of this product. A small pipe adapter is available for pipe sizes less than 1½ inch (38 mm).

DESCRIPTION

This kit provides a junction box with a line sensing temperature assembly, one conduit entry, pipe standoff for above insulation electrical connections.

KIT CONTENTS

- 1 Molded Junction Box Consisting of:
 - 1 Box with One Conduit Opening
 - 1 DIN Rail
 - 1 Three-Position Terminal Block
 - 1 Cover with 4 Screws
- 1 Compression Fitting
- 1 Washer for Thermostat
- 1 Locknut
- 1 Silicone Termination Boot
- 1 Pipe Standoff
- 1 Tube of RTV
- 1 O-Ring
- 1 Self-Regulating Cable Grommet
- 1 Constant-Wattage Cable Grommet
- 1 Bulb and Capillary Temperature Assembly

MATERIALS

Junction Box, Pipe Standoff	Electrostatic-charge-resistant, glass-filled engineered polymer, black
Temperature Probe	Stainless Steel
Self-Regulating Cable Grommet	Silicone rubber, black
Constant-Wattage Cable Grommet	Silicone rubber, orange
Cover Gasket	Silicone Rubber, black
Cover Screws (4)	Stainless Steel

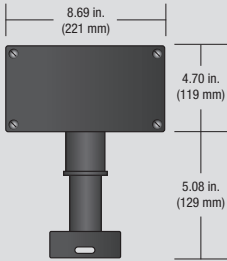
UBC LINE SENSING THERMOSTAT
POWER CONNECTION

APPROVALS

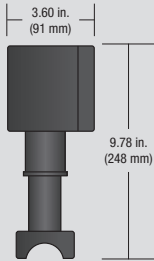
- Ordinary Areas Only

DIMENSIONS

Front View



Side View



PRODUCT SPECIFICATIONS

Heating Cable Use	SRL, SRP, SRM/E, CWM
Ingress Protection	NEMA 4X, IP66
Entries	0.75 in (19 mm)
Operating Temperature Range	-40° to 160°F (-40° to 71°C)
Temperature Setpoint	0°F to 400°F (-18° to 204°C)
Temperature Assembly Dimensions	0.25 in (6.4 mm) diameter 7.25 in (184 mm) long 3 ft (0.91 m) capillary
Switch Rating	SPDT, 22A, 120-480V
Conductor Size Range	8 - 16 AWG
Maximum Circuit Breaker	50 A
Weight	4 lb (1.81 kg)

ORDER DETAILS

Catalog Description	UBC Line Sensing Thermostat Power Connection
Part Number	394011



1347 Heil Quaker Blvd
LaVergne, TN 37086

TECHNICAL SUPPORT
412-967-3940

email: sales@chromalox.com
www.chromalox.com

*press 1 to be directed to heat trace support