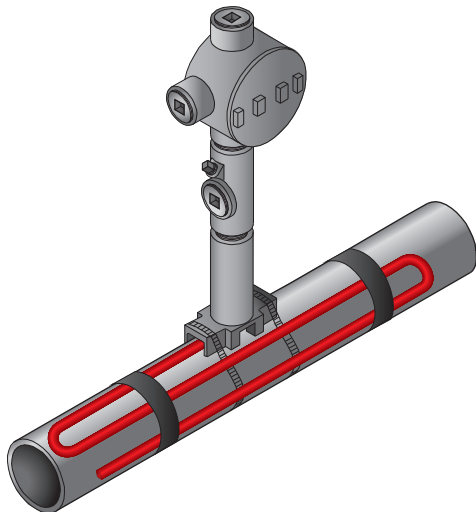


PRODUCT OVERVIEW


The Chromalox® HL-PC hazardous location power connection is a Division 1 certified junction box and seal fitting, designed to connect Chromalox HSRL and HSRM heating cable to customer supplied power connection for process temperature maintenance and fluid and viscosity maintenance applications. The junction box, seal fitting and pipe support are water-resistant, corrosion-resistant, and explosion-proof. The body of the junction box has an entry for cable and is internally threaded to accept an externally threaded cover for more room when wiring. The pipe support is provided to bring the cable end outside the insulation for easy access. The junction box, seal fitting and pipe support are made from high-strength aluminum, and has a 3/4-inch (19 mm) opening on the top and side. Metal pipe straps (Chromalox PS Series, not included) are required to attach the connection box to the pipe.

DESCRIPTION

This kit provides power connection for one cable, and two conduit entries.

KIT CONTENTS

- 1 Junction Box
- 1 Box Cover
- 1 Seal Fitting with Nipple
- 1 Pipe Standoff
- 1 Ring Terminal
- 1 Tube of RTV
- 1 Termination Seals
- 1 Sealing Grommet
- 1 Conduit Plug
- 1 Sealing Compound
- 1 Butt Splice
- 2 4-Inch 12 AWG Leads, White
- 1 4-Inch 12 AWG Leads, Green
- 4 Wire Nuts

MATERIALS

Junction Box	Aluminum
Box Cover	Aluminum
Seal Fitting	Aluminum
Pipe Standoff	Aluminum
Sealing Grommet	Silicon Rubber, Black
Termination Seals	Silicone rubber, Black

HL-PC POWER CONNECTION

APPROVALS



- Ordinary Areas
- Class I, Division 1 Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class III, Division I
- T-Rating*

*See cable schedule for T-rating

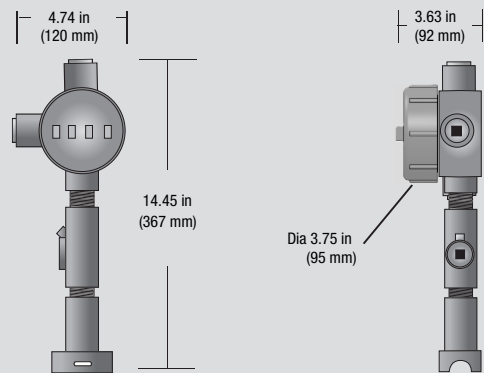


- Ordinary Areas
- Class I, Division 1, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class III
- T-Rating*

DIMENSIONS

Front View

Side View



PRODUCT SPECIFICATIONS

Heating Cable Use	HSRL, HSRM
Ingress Protection	NEMA 4X
Conduit Hub Size	0.75 in. (19 mm)
Minimal Install Temperature	-40°F (-40°C)
Maximum Exposure Temperature, Power Off	420°F (215°C)
Maximum Voltage	277 V,
Maximum Circuit Breaker	50 A
Conductor Size Range	16 AWG
Weight	4 lb (1.81 kg)

ORDER DETAILS

Catalog Description	HL-PC Power Connection
Part Number	382192



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