



& ASSOCIATES, INC.

PL-1 **Power Connection Kit**

- NEMA 4X
- Rain Tight Enclosure



Description

The **PL Series** power connection kit is for making power terminations inside a NEMA 4X enclosure. Mounting bracket is attached to pipe with 2 adjustable pipe straps. **PL Series** power connection kits may also be used for making splice or tee connections above the insulation when necessary. Two end caps and a packet of silicone RTV are supplied for making end terminations. The TS-1 terminal block (supplied) may be used inside junction box to help facilitate ease of cable installation. When ordering please specify PL-1 or PL-2. For use in non-classified areas.

Contents

- 1 - Junction Box (2-Hub Standard)
- 1 - Mounting Bracket (1" NPT)
- 1 - TS-1 Terminal Block
- 2 - Pipe Straps
- 1 - EC-1CW End Cap
- 1 - EC-1SR End Cap
- 1 - Packet Silicone RTV

Applications

- Constant Wattage Heater Cables
- Self-Limiting Heater Cables
- Mineral Insulated Heater Cables

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Construction

Material	Nylon - Zytel 3189 NC-10
Melting Point	258°F
Tensile Strength	11,210 PSI
Izod Impact Strength	Ft./Lb./Inch Notch - 3.4
Rockwell Hardness	R Scale - 117
Operating Temperature Range	-60°F to 290°F
Hub Size	1" NPT
Styles Available	4-Hub (Std.)

Dimensions

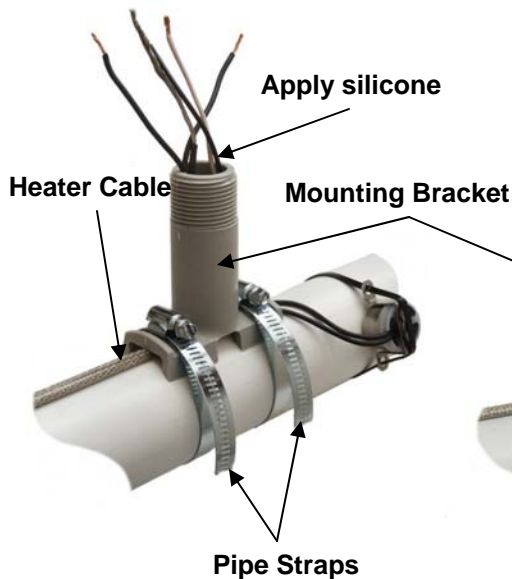
Height	4 15/16"
Width	3 11/16"
Depth	3 3/16"

Accessories

TAD-1	Thermostat
PT-H	Power Termination Kit
PS-1	Pipe Strap (3/8" - 1/2")
CL-1	TAD Caution Label

Installation of Mounting Bracket & Junction Box

Step 1



Step 2



PS-15



Pipe Straps

PS-1	3/8" - 1/2" O.D. Pipes
PS-3	1" - 3" O.D. Pipes
PS-15	2" - 14" O.D. Pipes

Ordering Information

PL-1	1" - 3" O.D. Pipes
PL-2	2" - 14" O.D. Pipes

Note: Optional TAD-1 thermostat shown

Note: If unable to find suitable compression fitting for power end, additional silicone may be used to plug hole in junction box.