

# GB300-L

Lighted End Seal



## Product Description

The GB300-L is designed to terminate Gaumer Process GHT, GHU or GHK industrial self-regulating heating cables with red or green light indicator for single heating cable.

The GB series utilize pipe standoff for on-pipe installation to allow heating cables to directly enter the enclosure without the use of insulation while protecting the cables from exposure.

The GB300-L uses core sealer and RTV adhesive without the need for heatgun for installation.

## Ordering Information

### GB300-L-a

- GB = Connection kit series
- 300 = Application;
  - 100 = Power connection and more
  - 200 = Tee or Splice connection, End termination
  - 300 = End seal, In-line splice connection
- L = Features; Light indicator
- a = Light color;
  - R = Red
  - G = Green



## Specifications

	GB300-L
Application	Lighted End Seal
Heating cable capability (No. of heating cable entry)	GHT-CR, GHT-CT, GHU-CT, GHK-CT (One heating cable)
Supply voltage	100 ~ 277V
Ingress protection	NEMA Type 4X, IP66
Ambient temperature range	-40°F ~ 131°F (-40°C ~ 55°C)
Minimum installation temperature	-40°F (-40°C)

## Certification / Approvals



**FM24US0113X, FM24CA0042X**  
 Hazardous (classified) locations  
 Indoors and outdoors  
 Class I, Division 2, Groups A, B, C and D T\*  
 Class II/III, Division 2, Groups E, F and G T\*  
 Class I, Zone 1, AEx/Ex eb mb IIC Gb  
 Zone 21, AEx/Ex tb IIIC T\* °C Db  
 Ta = -40°C to +55°C  
 NEMA Type 4X, IP66



**FM24ATEX0018X**  
 II 2 G Ex 60079-30-1 IIC T\* Gb;  
 II 2 D Ex 60079-30-1 IIIC T\*°C Db;  
 II 2 G Ex eb mb IIC Gb; II 2 D Ex tb IIIC Db  
 Ta = -40°C to +55°C  
 IP66

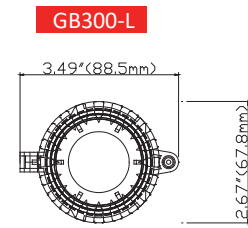


**IECEX FMG 24.0017X**  
 Ex eb mb IIC T\* Gb;  
 Ex tb IIIC T\*°C Db  
 IP66

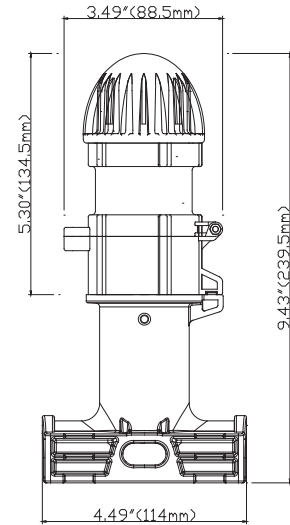
T \* = For T-rating, please refer to cable documentation.

## Dimensions

TOP



FRONT



## Material information

Contents	<ul style="list-style-type: none"> <li>1 Lighted end cap</li> <li>1 Pipe stand and cable tie</li> <li>3 Grommets for different cable sizes</li> <li>2 Closed end connectors</li> <li>1 Core sealer (S)</li> <li>1 RTV sealant</li> <li>1 O-ring</li> <li>1 Wrench</li> </ul>
Enclosure material	<ul style="list-style-type: none"> <li>Glass reinforced polymer end cap</li> <li>Glass reinforced polymer pipe stand</li> </ul>
Installation accessories (Sold separately)	<ul style="list-style-type: none"> <li>Pipe Strap</li> <li>Fiberglass tape</li> <li>Aluminum tape</li> </ul>
Tools required	<ul style="list-style-type: none"> <li>Wire cutters, Utility knife, Marking pen</li> <li>Large slotted screwdriver</li> <li>Adjustable pliers, Needle nose pliers</li> <li>Molex RHT-7000 crimp tool or equivalent; 10-16AWG slot</li> </ul>

Technical information subject to change without notification.