

GB300

Connection Kit : End Seal / In-line Splice Connection



Product Description

The GB300 is designed to terminate Gaumer Process GHT, GHU, or GHK industrial self-regulating heating cables for up to two heating cables and also allows for in-line splice connections.

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.

GB300 uses end seal tube or core sealers and RTV adhesive without the need for heatgun for installation.

Ordering Information

GBa

GB = Model name
a = Application;
100 = Power connection and more
200 = Tee or Splice connection, End termination
300 = End seal, In-line splice connection



Specifications

	GB300
Application	End Seal / In-line Splice Connection
Heating cable capability	GHT-CR, GHT-CT, GHU-CT, GHK-CT
No. of heating cable entry	Up to two heating cables
Ambient temperature range	-40°F ~ 131°F (-40°C ~ 55°C)
Minimum installation temperature	-40°F (-40°C)
Maximum operating voltage	100 ~ 277V
Ingress protection	NEMA Type 4X, IP66

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 IIC Gb;
Zone 21, AEx/Ex tb IIIC T* °C Db;
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 IIC Gb; II 2 D Ex tb IIIC Db;
IP66



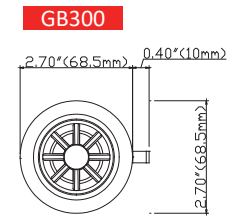
IECEX FMG 24.0017X**

Ex eb IIC T* Gb;
Ex tb IIIC T*°C Db
IP66

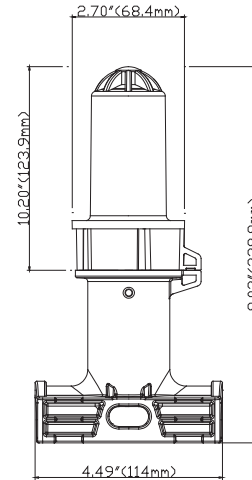
T* = For T-rating, please refer to cable documentation.
** = Certificate pending

Dimensions

TOP



FRONT



Material information

Contents	<ul style="list-style-type: none"> 1 End cap 1 Pipe stand and cable tie 3 Grommets for different cable sizes 2 End seal rubber caps 1 RTV sealant 1 O-ring 1 Wrench
Required for splice connection (Sold separately)	<ul style="list-style-type: none"> GB-SK, consists of: 2 Core sealers (S) 2 Insulation tubes Y/G (S) 3 Closed end connectors 1 RTV adhesive
Enclosure material	<ul style="list-style-type: none"> Glass reinforced polymer end cap Glass reinforced polymer pipe stand
Installation accessories (Sold separately)	<ul style="list-style-type: none"> Pipe Strap Fiberglass tape Aluminum tape
Tools required	<ul style="list-style-type: none"> Wire cutters, Utility knife, Marking pen Large slotted screwdriver Adjustable pliers, Needle nose pliers Molex RHT-7000 crimp tool or equivalent; 10-16AWG slot (For in-line splice connection only)

Gaumer Process

Address 13616 Hempstead Road · Houston, TX, U.S.A., 77040

Web www.gaumer.com Tel +1 (800) 460 5200 E-mail sales@gaumer.com



2/2