

GB300

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 rubber end cap or core sealers and RTV adhesive without the need for heatgun for installation.

Ordering Information

GB300

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



Specifications

	GB300
Application	End Seal / In-line Splice Connection
Heating cable capability (No. of heating cable entry)	GHT-CR, GHT-CT, GHU-CT, GHK-CT (Up to two heating cables)
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 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 IIC Gb; II 2 D Ex tb IIIC Db;
Ta = -40°C to +55°C
IP66

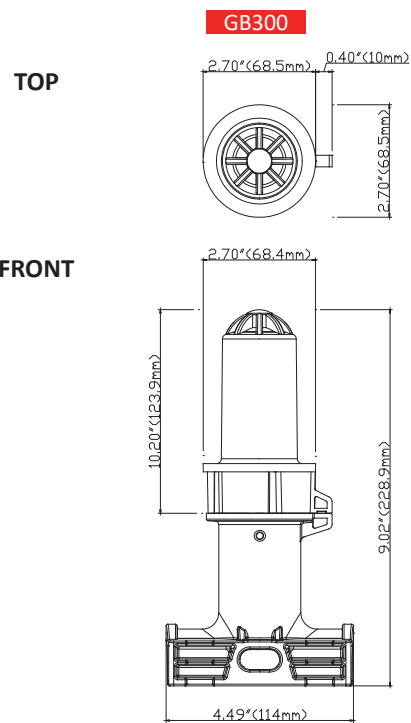


IECEX FMG 24.0017X

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

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

Dimensions



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 Rubber end caps 1 RTV sealant 1 O-ring 1 Wrench
Required for splice connection (Sold separately)	GB-SK, consists of: <ul style="list-style-type: none"> 2 Core sealers (S) 2 Insulation tubes Y/G (S) 3 Closed end connectors 1 RTV sealant
Enclosure material	Glass reinforced polymer end cap Glass reinforced polymer pipe stand
Installation accessories (Sold separately)	Pipe Strap Fiberglass tape Aluminum tape
Tools required	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)

Technical information subject to change without notification.