

# DIMENSIONS & DATA CERTIFIED FOR:

Representative:

Order:

Customer:

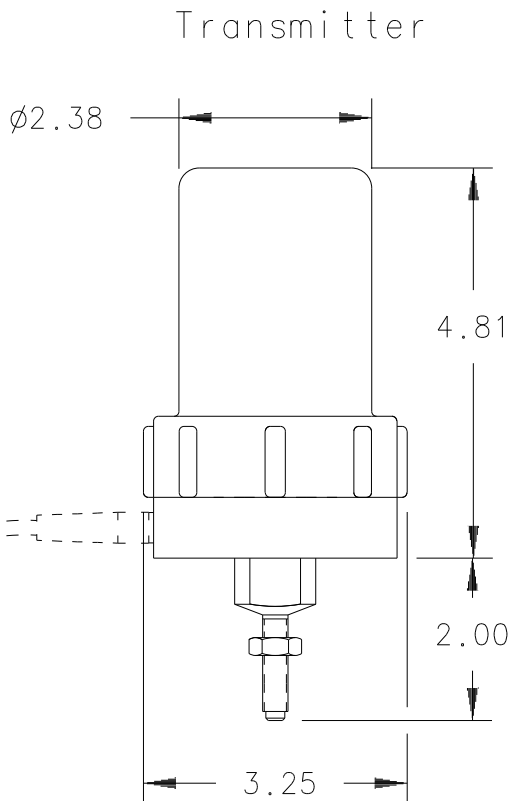
Order:

Project:

Requirements:

By:

Date:



Name Of Part	Material
Body	Nylon/Glass Reinforced
Core, Probe	T-304 S.S.
Sleeve, Probe	TFE
Bushing, Probe	T-304 S.S.
O-Ring	Nitrile
Battery	Duracell(Lithium)
Nut	18-8 S.S.

### Technical Information

Operating Frequency	902-928 MHz(North America)
Transmission Band Width	200 KHz
Communications	Proprietary Spread Spectrum Format
Ambient Temp.	-50°F To 125°F at Or Above 30 psig [-46°C To 52°C at Or Above 2 bar]
Intrinsically Safe	Class 1, Groups C, D; Class II Groups F, G; Class III, Div. 1, 2
Power Output	60 mW (North America)
Model	Qty.
RFC 4700	
RFM 4700 *	

\* RFM 4700 Shown Provided W/  
6 Ft. Pressure Switch Cable

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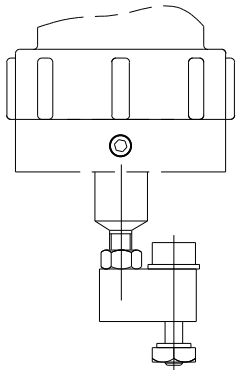
Requirements:

By:

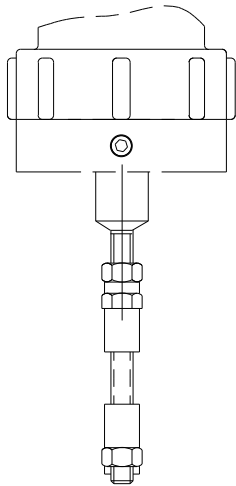
Date:

Mounting Hardware:

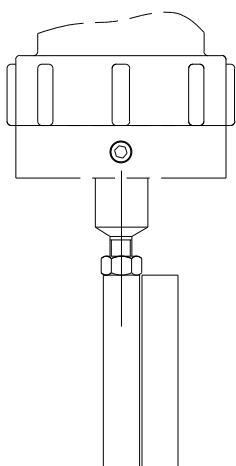
Cap Block



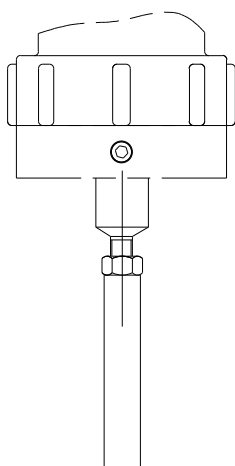
WaveGuide



Retrofit Doughnut



Flange Ring



Transmitter Shown In Phantom  
Not Included In Kit

Name Of Part

Material

Cap Block  
WaveGuide  
Retrofit Doughnut  
Flange Ring

T304 S.S.

Bolt

Zinc Plated CS Gr. 5

Cap Block Kit

Bolt Size

Qty.

1/4-20 x 1-3/4 Lg.

5/16-18 x 2 Lg.

3/8-16 x 2-3/8 Lg.

7/16-14 x 3 Lg.

1/2-13 x 3-1/4 Lg.

Wave Guide Kit

Pipe Size

Qty.

1/2 & 3/4

1"

1-1/4

1-1/2

2

2-1/2

3

Retrofit Doughnut Kit

Qty.

Flange Ring Kit

Qty.

Armstrong Trap



Armstrong International, Inc.  
Three Rivers Division  
Three Rivers, MI 49093

Armstrong (269) 273-1415 Fax(269) 278-6555  
Posted on Armstrong's homepage www.armstrong-intl.com

Product

CD No.

Date

SteamEye II  
4700 Series

1331

8/21/06

Mounting Hardware

Rev; A

Sht. 2

By; Paul G.

# DIMENSIONS & DATA CERTIFIED FOR:

Representative:

Order:

Customer:

Order:

Project:

Requirements:

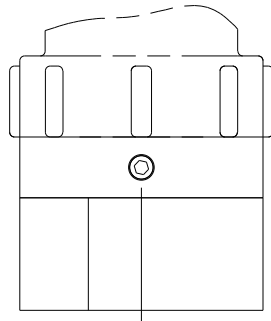
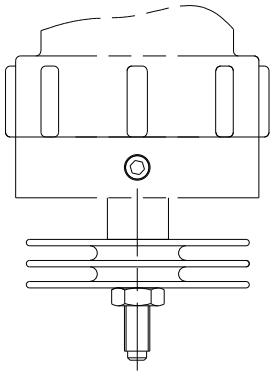
By:

Date:

Additional Components:

Heat Sink

Insulation Jacket



Transmitter In Phantom  
Not Included W/ Components

Name Of Part

Material

Heat Sink

Aluminum

Insulation Jacket

Silicone/Fiberglass

Components

Qty.

Heat Sink

Insulation Jacket



**Armstrong** (269) 273-1415 Fax(269) 278-6555  
Posted on Armstrong's homepage [www.armstrong-intl.com](http://www.armstrong-intl.com)

Armstrong International, Inc.  
Three Rivers Division  
Three Rivers, MI 49093

Product

SteamEye II  
4700 Series

Additional Components

CD No.

1331

Rev; A

Date

8/21/06

Sht. 3

By; Paul G.

# DIMENSIONS & DATA CERTIFIED FOR:

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Order:

Customer:

Order:

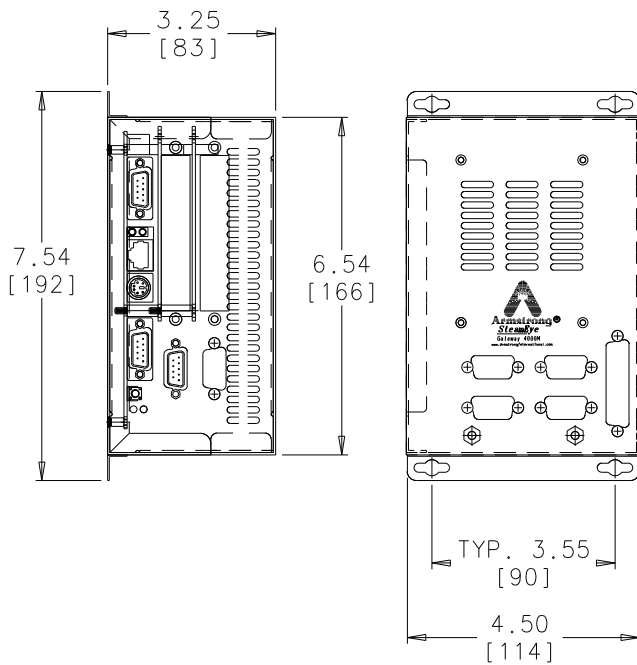
Project:

Requirements:

By:

Date:

Gateway M Receiver



### List Of Materials:

Name Of Part	Material
Enclosure	Steel, Powder Coated
Technical Information:	
Power Requirement	120 V 2Amp Max <1Amp Typ
Receiver Type	Narrow-band Spread Spectrum
Frequency	902-928 MHz(North America)
Band Width	200 KHz
Computer Connection	Ethernet
BAS/DCS Connection	RS-232 Or RS-485(Configurable) ModBus RTU Slave
Operating System	Linux, AMD Low Power LX800 500MHz Fanless Processor, 128MB RAM, 2GB Flash Memory
Ethernet Interface	1 x 10/100 mbps
Network Protocols Supported	IPv4, IPv6, SMTP, FTP, Telnet, SSH, HTTP & HTTPS
Inbound TCP/IP Ports: Embedded Web Server Remote Configuration Remote Software Upgrades	80 Std. (Redirected To 443) 23 (Telnet) 21 (FTP) 443 (HTTPS Configurable) 22 (SSH Configurable)
Outbound TCP/IP Ports: For E-Mail/Pager/Tex Message Notification For SteamStar Updates	25 (Send Mail To SMTP Server 80 (HTTP)
RF Receiver	1 Internal RF Receiver 1 External Receiver Port
Weight	3.5 lb [1.6 kg]

### Design Information:

Environment	30°F To 125°F (Indoor) [0°C To 52°C]
Operating Humidity	10% - 70% Relative Humidity Non-Condensing



Product

ENGLISH

CD No.

Date

SteamEye, Gateway M  
4000 Series

WEB  
Y|N  
✓

1331

7/7/09

Rev; B

Sht. 4

By; paulg

# DIMENSIONS & DATA CERTIFIED FOR:

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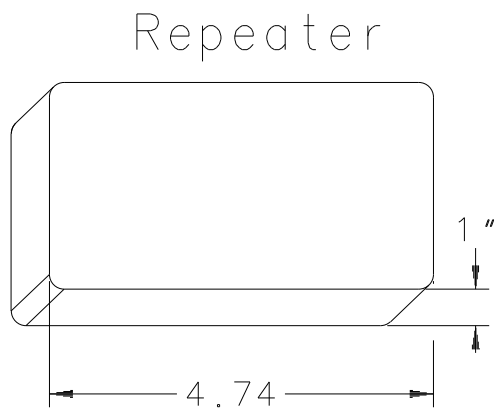
Order:

Project:

Requirements:

By:

Date:



## Technical Data

Power Requirement	12 VDC-20 VDC (120 VAC Adapter)
Power Consumption	70 mA
Receiver Type	Narrow-band Spread Spectrum
Frequency	902-928 MHz (North America)
Band Width	100KHz
Ambient Temp.	30°F To 125°F (Indoor/Outdoor) [0°C To 52°C]
Repeat Signals	Limit Of 7 Repeaters In Series

Repeater	Qty.

# DIMENSIONS & DATA CERTIFIED FOR:

Representative:

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Customer:

Order:

Project:

Requirements:

By:

Date:

## List Of Materials:

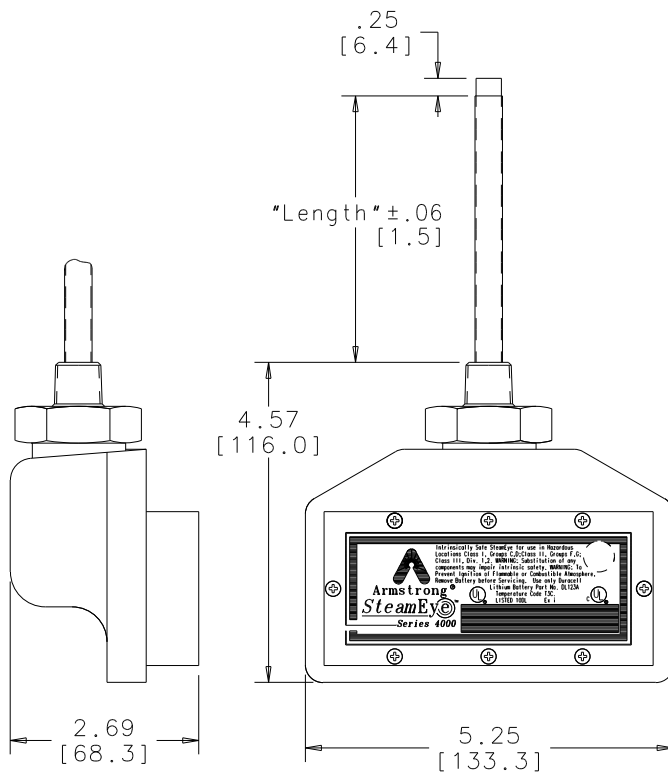
Name Of Part	Material
Body	Thermoset Resin; EL Cast Black
Core, Probe	T304 SS
Sleeve, Probe	TFE
Bushing, Probe	T304 SS
Battery	Duracell (Lithium)

## Technical Information:

Operating Frequency	902-928 MHz(North America)
Transmission Band Width	200 KHZ
Communications	Proprietary Spread Spectrum Format
Intrinsically Safe	Class 1, Groups C, D; Class II Groups F, G; Class III, Div. 1, 2
Power Output	60 mW (North America)

## Design Information:

Environment	-40°F To 140°F at Or Above 30 psig [-40°C To 60°C at Or Above 2 bar]
Trap Model	"Length"
Uncut	Probes Cut To Length At Factory Per Trap Model
1811/2011	
800	
811	
TVS811	
TVS812/812	
1822/2022	
TVS813/813	
814	
815/816	
Model	Qty.
RFC 4300	
RFM 4300 *	



\* RFM 4300



Product  
SteamEye  
4300 Series  
Transmitter

ENGLISH

CD No.

Date

WEB  
Y|N  
✓

1331

7/7/09

Rev; A

Sht. 6

By; paulg