

# SM87BG & SM87PB fire alarm call point range

Hazardous locations, ordinary locations



## Overview

These fire alarm call points have been designed for the most arduous environmental conditions.

The units are both easy to install and maintain.

Versions of this model are available with various options including an addressable module. A choice of either marine grade alloy or stainless steel (version dependent).

European, Russian, Chinese and other worldwide approvals are available.

## Features

- UL listed for USA and Canada (SM87PBL only). Class I, Div 1, Groups C & D
- ULC certified (SM87PBL only) for Class I, Zone 1 Groups C & D
- CSA certified
- IP66 & 67
- Certified temperature\*:
  - 67°F to +158°F
  - 55°C to +70°C
- Marine grade alloy or stainless steel
- Robust yet lightweight
- Easy to maintain

\*Depending on version



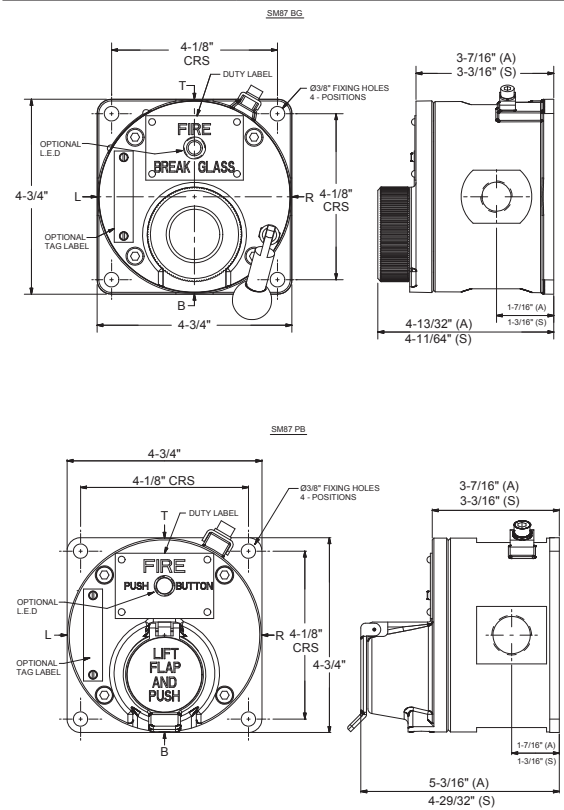
## Certifications

<b>Certification</b>	UL listed for USA and Canada ULC listed for Canada Class 1 Div 1 Groups C & D and Class 1, Zone 1 UL Listing No. E186629 (SM87PBL only) ULC Listing No. E320282 (SM87PBL only) CSA Certification: I.S. Version – Class 1, Groups A, B, C, D Ex d Class I, Div 2 Group D Enclosure type 4, Cert. No. 2689075 American Bureau of Shipping Type Approval SM87PBLAUL only
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## Specifications

<b>Material</b>	Grade 316 ANC 4B stainless steel or LM 25 TF marine grade alloy
<b>Finish</b>	Paint finish as standard or to customer specification
<b>Voltage</b>	24V a.c./d.c. Ex ia 28V
<b>Rating</b>	2 amp. (30mA max. with LED)
<b>Switches</b>	2 pole c/o, wired to terminals Optional: up to 4 pole (UL version 2 pole only)
<b>Optional indicator</b>	A red high intensity LED can be fitted for alarm indication As standard the LED is not provided with over current protection. The forward current (If) should be limited to 20mA
<b>Certified temp</b>	UL/ULC: -40°F to +158°F (-40°C to +70°C) -4°F to +131°F (-20°C to +70°C) LED version only  CSA Explosion proof - Class 1, Div 1 & 2. -50°C to +55°C CSA - Ex d IIC-55°C to +70°C CSA Intrinsically safe - Class 1, Div 1 & 2 -50°C to +40°C
<b>Weight</b>	8.4 lb/3.8kg (approx.) Stainless Steel or 5.5 lb/2.5kg (approx.) alloy
<b>Ingress protection</b>	IP66 & 67, SM87PB IP68 (35m for 40 hours)
<b>Entries</b>	Up to 4 x 1/2" or 3/4" NPT Stainless steel version comes with two entries as standard. Units ordered with a single entry ordering code are supplied with 2x entries inc. plug on the opposite side.
<b>Terminals</b>	Will accept up to 14AWG cable (16 AWG for CSA)
<b>Addressable</b>	Consult MEDC for specification
<b>Resistor values</b>	470R minimum (d.c. & I.S. units only)

## General arrangement drawing (all dimensions in inches)



## Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

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