Fire Alarm Call Points, Hazardous Location
SM87 PBL

Description:

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. The marine grade alloy makes the unit suitable for offshore industries.

Features*:

- UL Listed for USA and Canada
  – Hazardous locations:
    Class I, Div. I, Groups C & D
    Class I, Zones 1
  – Ordinary locations: Fire Alarm Devices
- ATEX approved
- CSA Certified
- NEMA 4x &6, IP66 and IP67
- Certified temperature –67°F to +158°F (–55°C to +70°C)
- Marine grade alloy
- Robust yet lightweight
- Easy to maintain

* Depending on version
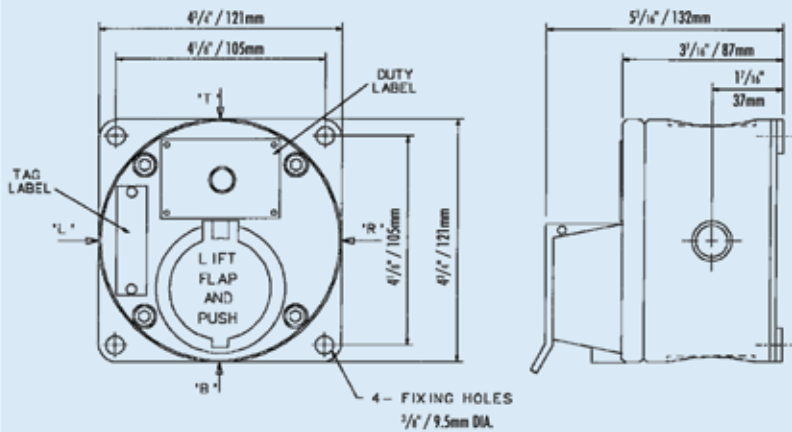* MFPA72 Compliant

Architects and Engineers Specifications

Explosion-proof fire alarm call points or push buttons shall be UL listed for Class I, Division 1, Groups C&D, and Class I, Zone 1 hazardous locations. The call points or push buttons shall be constructed of marine grade alloy with an epoxy paint finish and shall meet NEMA 4x, NEMA6, IP 66 and IP 67 environmental requirements over a temperature range of -67°F to 158°F (-55°C to 70°C) in hazardous and harsh environments.

Actuation of the call point or push button shall require the opening of a flap and depression of an actuator. An actuated unit shall remain latched until reset. A reset operation shall only take place through the use of a key.

Note: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Cooper Wheelock standard terms and conditions.

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Specification

Certification:	**UL Listed:** Class 1, Div 1 Groups C &D and Class 1, Zone 1. Listing No.: E186629. **CSA Certification:** I.S. Version - Class 1 Groups A-D. Exp Class 1, Div 2 1/2 Group D. Enclosure type 4, Cert. No. 79120. **ATEX approved:** EN50014, EN50018. Cert. No. Baseefa 03ATEX0075
Voltage:	24VAC/DC
Rating:	2 amp.
Switches:	2 pole c/o, wired to terminals.
Terminals:	Will accept up tp 14AWG cable.
Entires:	Up to 4x 1/2" or 3/4" NPT
Optional Indicator:	A red high intensity LED can be fitted for alarm indication.
Material:	LM 25 TF Marine Grade Alloy.
Weight:	5.5 lbs/2.5kg (approx.)
Finish:	Epoxy paint finish as standard or to customer's specification.
Certified Temperature:	UL: -67°F to + 158°F (-55°C to + 70°C). -4°F to + 131°F (-20°C to + 55°C) LED version only.
CSA:	-58°F to + 131°F (--50°C to +55°C) (Exd). -58°F to + 104°F (-50°C to + 40°C) (Exi).
Ingress Protection:	NEMA 4x and 6, IP66 & 67. SM87 PB IP68 (40m for 8 hours).
Addressable:	Consult sales office.
Resistor Values:	470R minimum (d.c. & I.S. units only).

Configuration Options:

Unit Type	Model	Material	Certification	Entries	Duty Label	Tag Label	Features	Finish
SM87	PBL							

Material	
Alloy	A

Certification	Code
CSA – Certified*	C
UL Listed	UL

Entries	Code
1/2" NPT	3
3/4" NPT	4
Top	*T
Bottom	*B
RHS	*R
LHS	*L
*prefix position with size code i.e. 3T 3B = 1/2" NPT Top and Bottom	

Tag Label	Code
Required	Y
Not Required	N

Label	Code

Finish	Code
Red (Standard)	R
Blue	B
Yellow	Y
Yellow/Black	
Stripes	X
Other – specify	S

Features	Code
None	N
LED	A
Lift Flap (BG only)	B
Resistor Series	*C
Resistor EOL	*D
Break glass	P
*Specify values	

Standard Models

Series	Model Number	Order Code	Decription
SM87 PBL	SM87PBLAUL3T3B3NNR	109211-002	Push button, Fire label, Red finish

WE ENCOURAGE AND SUPPORT NICET CERTIFICATION
3 YEAR WARRANTY
SM87 PBL 02/08

Cooper Notification is **Wheelock**® **MEDC** **SAFEPATH**® **WAVES** Roam Secure

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