

EMERGENCY PUSHBUTTONS with BREAKING GLASS

series
PBS

Protection	Mines	n.a.	IM2	Ex db I Mb
	Gas	1-2	II2G	Ex db IIC T6÷T4 Gb
	Dusts	21-22	II2D	Ex tb IIIC T85°C÷T135°C Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-20°C	+40°C
	Extended	-50°C	+80°C

Entries Threading	NPT ANSI B1.20
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Material	Stainless Steel AISI 316L
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Painting	External epoxy RAL 3000
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Standards and Certificates	Directive 2014/34/EU (ATEX) EN 60079-0 • EN 60079-1 EN 60079-31 CE BVI 15 ATEX 0020 IEC 60079-0 • IEC 60079-1 IEC 60079-31 IECEx EPS 14.0104
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- External screws in Stainless Steel.
- External accessories (hammer, chain, glass holder ring) in Stainless Steel.
- Weight: 2150 g.
- For further information about electrical contacts see page C29.

Options

- Two contacts: 2xNC or 2xNO.
- Cable entries with metric threading M25x1.5 (M).

- Available with illuminated pushbutton (*).
- Material: Aluminum light alloy see page C31.

NOTE

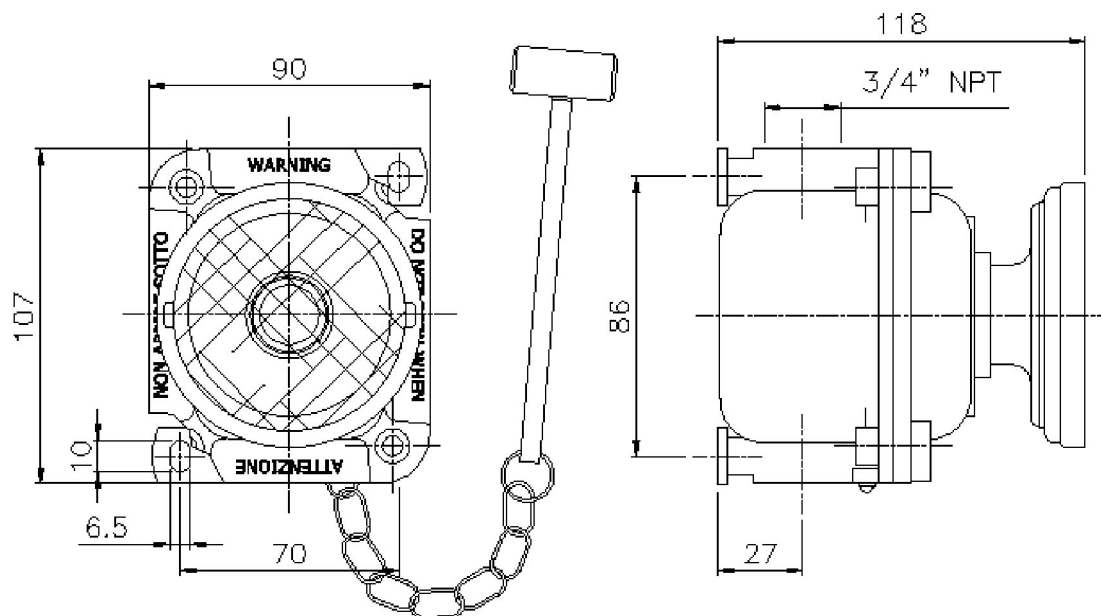
Installation and maintenance instructions shall be carefully read

Temperature class T6/T85°C is intended for an Ambient Temperature (A.T.) up to +50°C, temperature class T5/T100°C is for an extended A.T. up to +65°C, whereas temperature class T4/T135°C for an extended A.T. up to +80°C.

The temperature class is T6/T85°C for an A.T. up to +60°C and T5/T100°C for an extended A.T. up to +80°C when using LED lamps.

The temperature class is T6/T85°C for an extended A.T. up to +80°C when only command units are used.

(*) It is suggested the use of LED lamps only.



Electric Execution Identification

PBS 1 E0

The breaking of the glass releases the button that automatically closes and / or opens a contact (1NO+1NC).

PBS 1 E1

The breaking of the glass releases the button that shall be pressed to open and / or close a contact (1NO+1NC).

Example: PBS 1 E1 M

Order Coding

Type

PBS

Enclosure Size

1 = 1 element

Pushbutton operating code
open/close

E1 = pushbutton to press

E0 = pushbutton in releasing

Threading

.. = NPT (std)

M = Metric