

EMERGENCY PUSH BUTTON

series
RX - RS

Protection	Gas	1-2	II2G	Ex db IIC or IIB+H ₂ Gb
	Dusts	21-22	II2D	Ex tb IIIC Db
	Mine	n.d.	IM2	Ex db I Mb

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



Standards and Certificates



Directive 2014/34/EU (ATEX)

EN 60079-0 • EN 60079-1 • EN 60079-31

U INERIS 14 ATEX 9009U

IEC 60079-0 • IEC 60079-1 • IEC 60079-31

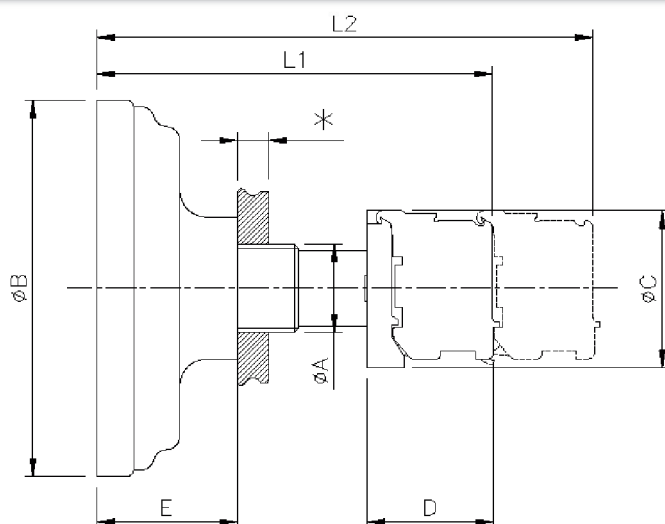
IECEx INE 14.0023U

- Body in Nickel plated Brass.
- Drive shafts in Stainless Steel AISI 316L.
- Push Button in Polyamide 6 (on request Stainless Steel).
- Aluminium ring with protective (breakable) glass.
- Operating temperature: -50°C ÷ +180°C.

Options

- Complete Stainless Steel version (RX...I & RS...I).
- Two or more contacts available.

- Color of push button different than black (standard): red, green, yellow, white or blue.



NOTES

The control and signaling units get same temperature class as the enclosure on which they are installed.

(*) Units RX.. shall be installed on enclosures with internal volume up to 2 dm³; whereas units RS.. shall be installed on enclosures with volume up to 160,6 dm³ for group IIB+H₂ and up to 62,9 dm³ for group IIC.

These units may be installed on electrical equipment suitable for group IM2 (fire-damp mines) if no component is made of light alloy. In such case mode of protection will be labelled Ex db I Mb.

(*) See page B11 for enclosures CCA-CPS, page B21 for CCL-CPL and page B31 for CCF.

Contacts: more information on page C23.

Electric Execution Identification

- E0** The breaking of the glass releases the button that automatically closes and / or opens a contact.
- E1** The breaking of the glass releases the button that shall be pressed to open and / or close a contact.

Type	ØA Threading	ØB	ØC	D	E	L1	L2	Weight (g)
RX2..	M25x1,5	85	38	29	26	82	105	200
RS2..	M25x1,5	85	38	29	26	88	111	220

Example: RX2E0R-11

Order Coding

Type	Size	Main Function (see above)	Push button color	Electric Contact
RX = V<2 dm ³ (*)	2 = M25x1,5	E0 = Self releas button when glass broken	K = black	10 = 1 NO
RS = V>2 dm ³ (*)		E1 = Pushbutton to press after glass breaking	G = green	01 = 1 NC
			Y = yellow	11 = 1 NO+1 NC
			R = red	
			W = white	
			B = blue	



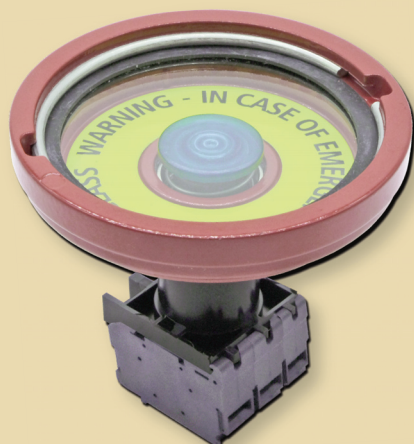
ILLUMINATED EMERGENCY PUSH BUTTON

series
RX - RS

Protection	Gas	1-2	II2G	Ex db IIC or IIB+H ₂ Gb
	Dusts	21-22	II2D	Ex tb IIIC Db
	Mine	n.d.	IM2	Ex db I Mb

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



Standards and Certificates



Directive 2014/34/EU (ATEX)

EN 60079-0 • EN 60079-1 • EN 60079-31

U INERIS 14 ATEX 9009U



IEC 60079-0 • IEC 60079-1 • IEC 60079-31

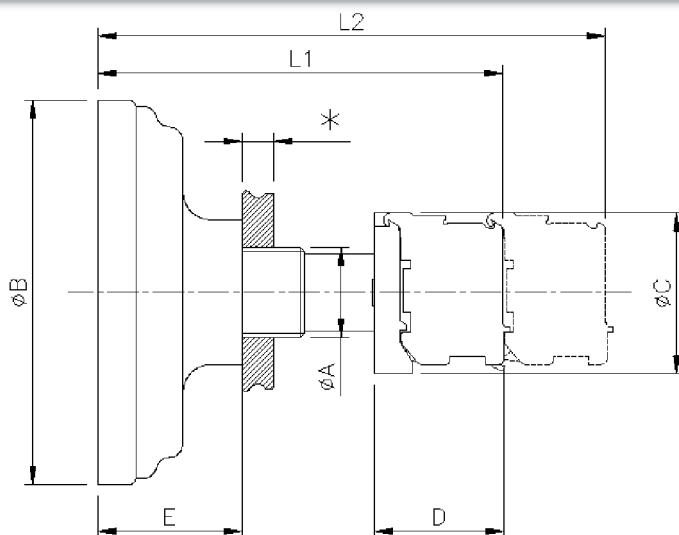
IECEx INE 14.0023U

- Illuminated pushbutton with LED lamp.
- Body in Nickel plated Brass.
- Drive shafts in Stainless Steel AISI 316L.
- Push Button in Polyamide 6.
- Aluminium ring with protective (breakable) glass.
- Operating temperature: -50°C ÷ +180°C.

Options

- Complete Stainless Steel version (RX...I & RS...I).
- LED lamps with different voltages and colors.

- Two or more contacts available.
- Different push button color: red, green, yellow, white or blue.



NOTES

The control and signaling units get same temperature class as the enclosure on which they are installed.

(*) Units RX.. shall be installed on enclosures with internal volume up to 2 dm³; whereas units RS.. shall be installed on enclosures with volume up to 160,6 dm³ for group IIB+H₂ and up to 62,9 dm³ for group IIC.

These units may be installed on electrical equipment suitable for group IM2 (firedamp mines) if no component is made of light alloy. In such case mode of protection will be labelled Ex db I Mb.

(*) See page B11 for enclosures CCA-CPS, page B21 for CCL-CPL and page B31 for CCF.

Contacts: more information on page C23.

Electric Execution Identification

- ELO** The breaking of the glass releases the illuminated button that automatically closes and / or opens a contact.
- EL1** The breaking of the glass releases the illuminated button that shall be pressed to open and / or close a contact.

Type	ØA Threading	ØB	ØC	D	E	L1	L2	Weight (g)
RX2..	M25x1,5	85	38	29	26	82	105	200
RS2..	M25x1,5	85	38	29	26	88	111	220

Example: RS2EL1R-017

Order Coding

Type	Size	Main Function (see above)	Push button / LED color	Electric Contact	LED Voltage
RX = V<2 dm ³ (*)	2 = M25x1,5	ELO = Self release button when glass broken	G = green	10 = 1 NO	3 = 24 V ac/dc
RS = V>2 dm ³ (*)		EL1 = Pushbutton to press after glass breaking	Y = yellow	01 = 1 NC	5 = 120 V ac
			R = red	11 = 1 NO+1 NC	7 = 230 V ac
			W = white		
			B = blue		

