

SIGNALING UNIT

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 Extended		-20°C		+40°C
			-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

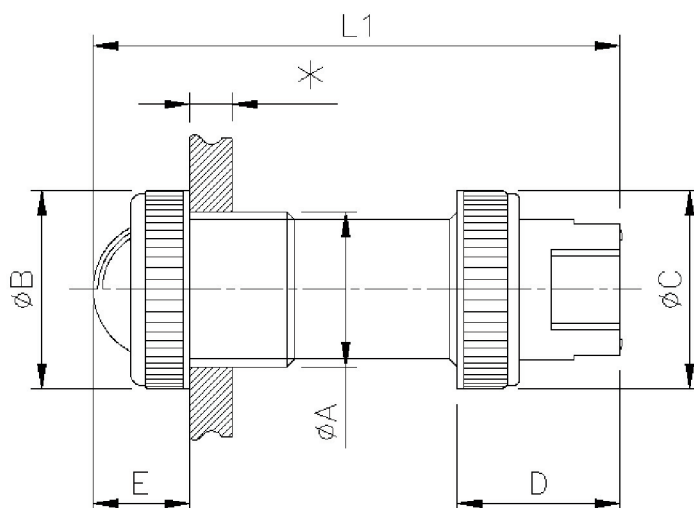
IECEx INE 14.0023U

- Body in Nickel plated Brass.
- Internal optical components in tempered glass.
- Colored caps in self-extinguishing polycarbonate.
- Operating temperature: -50°C ÷ +180°C.
- Lamp holder Ba9S for RX1../RS1...
- Lamp holder Ba15S for RX2../RS2...
- Complete of lamp on request (different voltages are available).

Options

- Complete Stainless Steel version (RX...I & RS...I).

- Filters of different colors: 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.

Lamps: more information on page C24.

Remark: lamp is supplied on request.

Type	ØA Threading	ØB	ØC	D	E	L	Weight (g)
RX1L..	M20x1,5	26	26	25	14	72	63
RX2L..	M25x1,5	32	32	33	16	78	101
RS1L..	M20x1,5	26	26	25	14	80	68
RS2L..	M25x1,5	32	32	27	16	82	108

Example: RS1LY-7

Order Coding

Type
RX = V<2 dm ³ (*)
RS = V>2 dm ³ (*)

Size
1 = M20x1,5
2 = M25x1,5

Main Function
L = Signaling

Filter / LED color
G = green
Y = yellow
R = red
W = white
B = blue

LED Voltage
3 = 24 V ac/dc
5 = 120 V ac
7 = 230 V ac