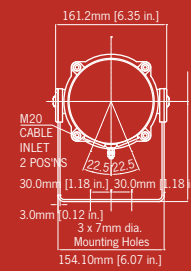
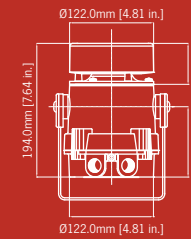


# BExH120-R Signalling Bell

The flameproof BExH120-R 'Belltronic' Signalling Bell is suitable for Zone 1 & 2 applications. The BExH120-R authentically reproduces the traditional sound of a electro-mechanical bell whilst providing a significantly higher level of performance and reliability. The BExDH120-R variant is also suitable for Zone 21 & 22.

With output levels of up to 106dB(A) at 1 metre the BExH120-R surpasses legacy electro-mechanical bells in performance and effectiveness, it is also continuously rated, requires zero maintenance and the signal quality will not degrade with age.



### Part codes:

Part Code:	Classification:
BExH120DR**G Grey Housing & Red Gong	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50 to +70°C II 2G Ex d IIC T4 Ta. -50 to +55°C
BExH120DR**R Red Housing & Red Gong	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50 to +70°C II 2G Ex d IIC T4 Ta. -50 to +55°C
BExDH120DR**G Grey Housing & Black Gong	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50° to +70°C II 2D Ex tD A21 IP67 T115 based on a max. Ta. of 70°C
BExDH120DR**R Red Housing & Black Gong	ATEX / IECEx: II 2G Ex d IIB T4 Ta. -50° to +70°C II 2G Ex d IIC T4 Ta. -50° to +55°C II 2D Ex tD A21 IP67 T115 based on a max. Ta. of 70°C

\*\* = Voltage reference:

Options:	24DC, 115AC, 230AC
----------	--------------------

### Current consumption:

Voltage:		Current:
24V dc		400mA
115V ac	50/60Hz	130mA
230V ac	50/60Hz	65mA

### Specification:

Nominal output:	106dB(A) @ 1m +/- 3dB
Volume control:	Yes
Voltages DC:	24vdc
Voltages AC:	115vac; 230vac
Ingress protection:	IP66/67
Housing material:	Marine grade copper free LM6 Aluminium
Housing finish:	Phosphated & powder coated finish - anti-corrosion
Colour:	RAL3000 Red or RAL7038 Grey (others available on request)
BExH120-R flare:	High impact UL94 V0 & 5VA FR ABS
BExDH120-R flare:	Anti-Static High impact ABS (Black)
Cable entries:	Dual M20 ISO (one stopping plug inc)
Terminals:	0.5 to 4.0mm <sup>2</sup> cables.
Weight :	DC: 3.20kg AC: 3.40kg

### Features:

- Digitally stored mechanical bell sound.
- Continuously rated.
- Maintenance free.
- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.

### Approvals:

- ATEX certificate: KEMA 99ATEX6312, EN 60079-0 : 2006, EN 60079-1 : 2007, EN 61241-0 : 2006, EN 61241-1 : 2004
- IECEx certificate: IECEx KEM 10.0003, IEC 60079-0 : 2004 (Ed4), IEC 60079-1 : 2007 (Ed6), IEC 61241-0 : 2004 (Ed1), IEC 61241-1 : 2004 (Ed1)
- Safety-integrity suitability: SIL1
- Inmetro certificate: 10-IEEx-0009
- GOST-R certificate: POCC GB.JB05.B03365