

# MANUAL CALL POINT

## Exed, Intrinsically Safe (Exia), Weatherproof

### BG2 Range



## Introduction

This manual fire alarm call point has been designed for use in flammable atmospheres and harsh environmental conditions. The GRP enclosure is suitable for use offshore or onshore where light weight combined with a high level of corrosion resistance is required.

- ★ Zone 0, Zone 1 and Zone 2 use.
- ★ Exed, Exia or weatherproof.
- ★ ATEX approved – Ex II 1GD (Exia)  
– Ex II 2GD (Exed)
- ★ BASEEFA certified.
- ★ IP66 and IP67.
- ★ Certified temperature -40°C to +50°C\*.
- ★ Corrosion resistant red painted GRP.
- ★ Retained stainless steel cover screws.
- ★ Optional lift flap.
- ★ Key operated test facility.
- ★ Lightweight and robust.
- ★ Breakglass hammer available.

\*Model dependent.

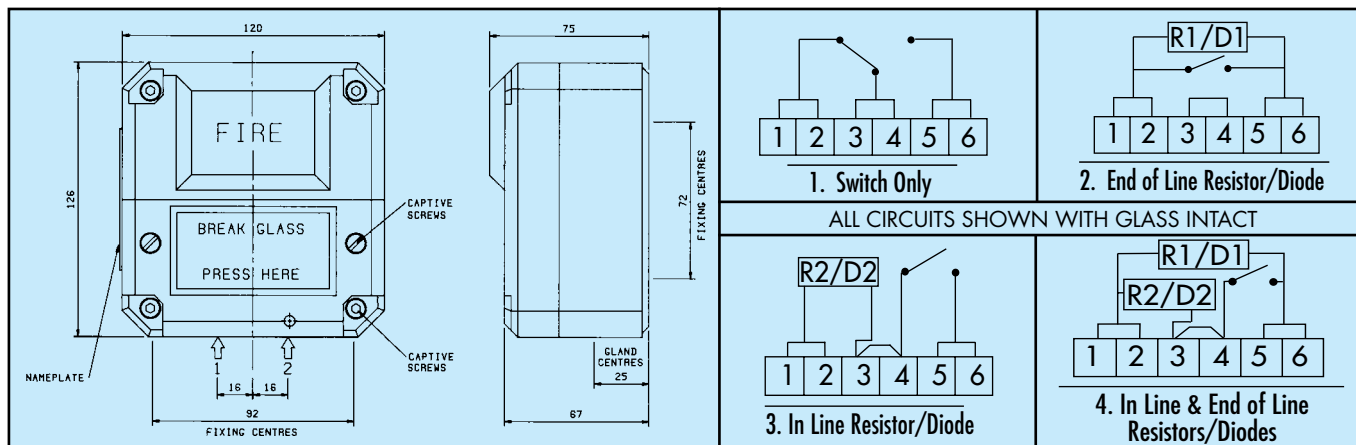
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## Technical Specification

MODEL	BG2W	BG2E	BG2I
PROTECTION	Dust-tight and Weatherproof	Explosion Protected EExed (Increased Safety)	Explosion Protected EExia (Intrinsically Safe)
CERTIFICATION	Not Applicable	CENELEC EN50014, 018, 019, 028 Cert. No. BAS02ATEX2105X EExedIICT6 (switch only) EExedmICT4 (other versions) Suitable for use in Zones 1 & 2	CENELEC EN50014, 020 Cert. No. Baseefa03ATEX0084X EExia IIC T4 Suitable for use in Zones 0, 1 & 2
VOLTAGE	Up to 254V	Up to 250V (Switch only) Up to 24V (Resistors & Switch)	Up to 28V (IS)
CERTIFIED TEMPERATURE	-40°C to +55°C	-20°C to +50°C	-40°C to +50°C
INGRESS PROTECTION	IP66 & 67.		
BRITISH STANDARD FOR CALL POINTS	BS 5839 : Part 2 : 1983 (BG).		
TERMINALS	6 x 2.5mm <sup>2</sup> .		
SWITCH RATINGS	DC: 0-30V 5A (resistive) or 3A (inductive) 30V-50V 1A resistive or inductive AC: 0-254V 5A resistive or inductive	NOT APPLICABLE	
RESISTOR VALUES	100R Minimum*	100R Minimum, 39k Maximum*	470R Minimum*
CABLE ENTRIES	2 x M20 bottom.		
WEIGHT	1.2 Kg.		
MATERIAL	U.V. resistant glass reinforced polyester.		
FINISH	Painted Red		

## Ordering Requirements

The following code is designed to help in the selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box. **For standard products, available ex-stock, contact sales office for details.**

The MEDC BG Range of Manual Alarm Call Points caters for numerous options such as variety of colours, LED indication, earth continuity, double switch, etc. See separate catalogue sheet for details.

Model/Voltage	Code	Wiring Diagram (as above)	Code	Lift Flap	Code	Finish	Code
BG2W – AC or DC	BG2WNN	Switch only	1	Fitted*	F	Red Painted	R
BG2I – Up to 28V (I.S.)	BG2INN	End of line resistor	2*	Not Fitted	N		
BG2E – DC	BG2EDC	In line resistor	3*				
BG2E – AC	BG2EAC	In line and end of line resistor	4*				
		Diode (specify location & value)	5				

\*(Specify resistor values)

\*Polycarbonate lift flap.



All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.