Explosion Proof Manual Call Point > GRP
CP135 Series

Product overview

The CP135 manual call point range has been approved for use in potentially explosive atmospheres and harsh environmental conditions.

Typical applications are Oil and Gas, On-shore and Offshore, Chemical, Petrochemical, Refineries & Marine locations etc.

It is compatible for use with a PLC, DCS and ESD systems via 4-20mA

output. It is ideally suited for use in fire alarm systems and an addressable option with diode fitted is available.

The range also offers an additional visual LED indication option; red, green (or both) can be fitted. When fault or alarm status arises the green LED will be overridden by the red LED.

The design allows for termination inside the unit.

Features/Certifications

- Approved by ATEX, IECEx
- CQST (Available on request only)
- ATEX: II 2G **Exd IIB +H$_2$ T4 - T6** (incorporating IIA)
- Zones 1, 2, 21 & 22
- Conforms to EN (IEC) 60079-0 EN (IEC) 60079-1 and EN54
- Dustproof & Weatherproof
- SIL 2 version available on request

CP135 Series > Ordering Information

Standard Product Selection

Follow the chart (right) to generate your part code.

	Switch	Duty Label	Tag Label	LED Indicator	Features	Cable Entry	Entry	Finish Colour
CP135 +	**S** = Single Switch	**Y** = Yes	**Y** = Yes	**L** = Red & Green	**F** = Lift Flap	**A** = M20	**T** = Top Face	**RD** = Red
				R = Red	**R** = Resistor (specify)			**YW** = Yellow
								BU = Blue
	D = Double Switch	**N** = No	**N** = No	**G** = Green	**D** = Diode (specify)	**B** = M25	**B** = Bottom Face	**BL** = Black
				N = No LED	**N** = No Features			**OR** = Other

MODEL CONFIGURATOR (By using the table above, complete this box sequence to select your required manual call point).

CP135								
	Switch	Duty Label	Tag Label	LED Indicator	Features	Cable Entry	Entry	Finish Colour

* Standard break glass label wording is: 'Break Glass Press Here'

Note: All customers orders will be confirmed in writing. Care should be taken that the correct code has been ordered as be-spoke manufactured products cannot be returned for exchange or credit later.
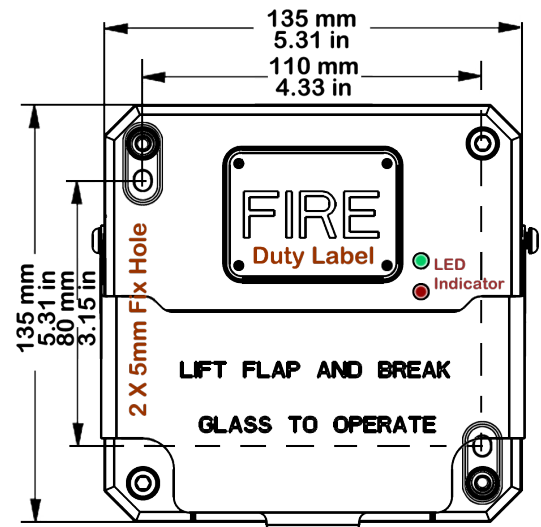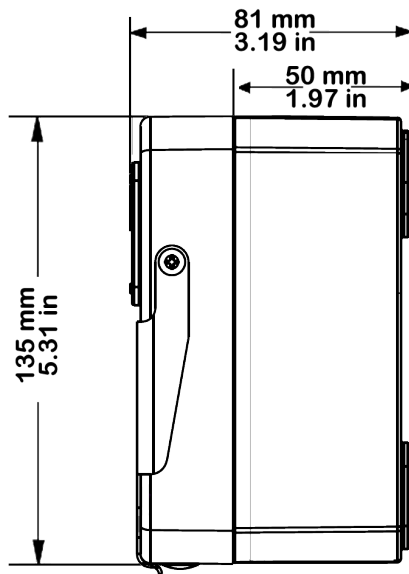
Kg 1.5	**°C** -40+70	**IP** 66	INDUSTRIAL	MARINE	FIRE

APPROVALS and CONFORMITIES

RoHS · CE · IECEx · ATEX

GRP

81 mm
3.19 in

50 mm
1.97 in

135 mm
5.31 in

135 mm
5.31 in

110 mm
4.33 in

135 mm
5.31 in
80 mm
3.15 in

2 X 5mm Fix Hole

FIRE
Duty Label

● LED
● Indicator

LIFT FLAP AND BREAK

GLASS TO OPERATE

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General Information

EX CODE:	Exd IIB+H_2 T4 - T6
CERTIFICATION:	ATEX (Nemko 14 5454X), IECEx (NEM 14.0015X)
	CQST (Available on request only)
TYPE:	Manual Call Point

Mechanical Specifications

MATERIAL:	Enclosure: GRP (Glass Reinforced Plastic)
ENCLOSURE COLOUR:	Red (RAL3001), Yellow (RAL1003)
	Blue (RAL5005), Black (RAL9004)
AMBIENT TEMPERATURE:	-40 to +70
HUMIDITY:	≤ 95% RH
WEIGHT:	1.5 Kg / 3.31 lb
DIMENSIONS:	Width/Length: 135mm / 5.31" Height: 80.5mm / 3.17"
INGRESS PROTECTION:	IP 66

Electrical Specifications

SWITCH RATING:	**30v Dc:** 6A (Resistive), 6A (Inductive)
	250v Ac: 11A (Resistive), 6A (Inductive)
OUTPUT:	On-Off Output (NC/NO)
TERMINATION:	Accepts upto ≤ 2.5mm^2 incorporating rising clamp protectors
CABLE ENTRY:	2 x M20 or M25.
	For 1/2" or 3/4"NPT requirements, male/female adapter
	glands are available. Contact sales dept for further part codes.

Accessories

50200:	**M20 E1EX Nickel Plated Brass Gland**
	(Multi Armour Cone) Atex Cat 2 &3,
	EExde IIC 2 GD
	Cable ID 11 - 15.5mm
	OD 14.5 - 21mm
	Gland for Multi Armoured Cable *
50201:	**M20 A2EX Nickel Plated Brass Gland**
	Atex Cat 2 & 3, EExde IIC 2 GD
	Cable OD 11 - 15.5mm
	Gland for Unarmoured Cable *
50202:	**M20 E1EX-QS Nickel Plated Brass Gland**
	(Ex d IIC, Ex e IIC, Ex nR IIC, Ex tb IIIC)
	Cable OD 14.5 - 20.5mm
	Barrier Gland for Steel and
	Aluminium Armoured Cable *
50203:	**M20 A2EX Quick Stop Nickel**
	Plated Brass Gland
	(Ex d IIC, Ex nR IIC, Ex tb IIC)
	Cable OD 9 - 15mm
	Barrier Gland for Unarmoured Cable *
50204:	**M20 Nickel Plated Brass Stopping Plug**
	Atex EExde I/IIC
	Standard M20 Blanking Plug
50221:	**Epoxy Minute Adhesive 24m/l tube**
	One tube sufficient for five barrier glands
* 25mm	**Thread length for GRP products**
Note:	**M25 options available for the above**