# **DATASHEET - CP 135 EX MANUAL CALL POINT**

### **AUDIBLE & VISUAL SIGNALLING EQUIPMENT**



zone 1 & 2 zone 21 & 22

### **DESCRIPTION** - CP 135 Ex MANUAL CALL POINT "BREAK GLASS"

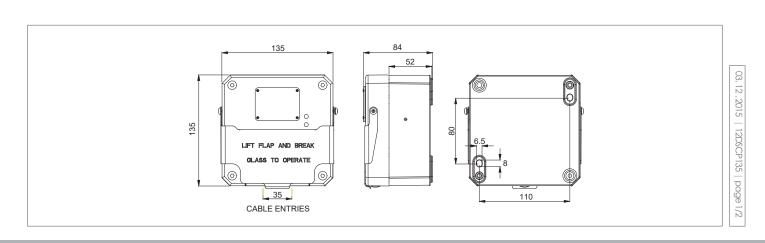
This manual call point «break glass» is certified for use in Atex/explosive atmosphere, zone 1 & 2 for gas and zone 21 & 22 for dust. It is dedicated for Oil & Gas, chemical, petrochemical, pharmacy industries, marine and Offshore applications. It's designed for corrosive environnements and hazardous area.

The apparatus is compatible with PLC, ESD, DCS systems via output 4-20mA. The test function is built in, visualisation functions, line detection, and glass protection, hammer, are optionnal.

Housing is moulded in Glass-Reinforced Polyester (GRP), dyed in the mass and protected by an UV resistant paint.

A complete range of accessories is available to customize a products. (see accessories annex)

PRODUCT CODE CONFIGURATOR							
SWITCH	DUTY LABEL	TAG Label	LED INDICATOR	FEATURES	CABLE ENTRY	ENTRY	FINISH COLOUR
SINGLE = 1 X C/O	Υ	<b>Y</b> = YES	L = RED & GREEN	<b>F</b> = LIFT FLAP	<b>A</b> = M20	<b>T</b> = TOP	RD = RED
	= YES		R = RED	R = RESISTOR	<b>B</b> = M25		YW = YELLOW
<b>D</b> OUBLE = 2 X C/O	N =	N =	■ <b>G</b> = GREEN	<b>D</b> = DIODE	C = 1/2" NPT	= BOTTOM	■ BU = BLUE ■ BL = BLACK
DOUBLE - 2 X C/O	NO	NO	<b>N</b> = NO LED	N = NO FEATURES	<b>D</b> = 3/4" NPT		□ <b>OR</b> = OTHER ON REQUEST
ADD THE CODES RELATED TO THE FEATURES REQUIRED TO CP 135:							



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## **AUDIBLE & VISUAL SIGNALLING EQUIPMENT**

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MATERIAL	ENCLOSURE: Glass-Reinforced Polyester (GRP)		
COLOUR	• RED : RAL 3001 - YELLOW** : RAL1018 - BLUE** : RAL5005 - BLACK** : RAL9005 BLACK WITH YELLOW ZEBRA**: RAL9004 with RAL1018		
INGRESS PROTECTION	• IP66/67		
AMBIENT TEMPERATURE FOR OPERATION	• <b>T6</b> = - 40°C ~ + 55°C , <b>T5</b> = - 40°C ~ + 60°C, <b>T4</b> = - 40°C ~ + 70°C		
CERTIFICATION	• Nemko 13 ATEX 1563X, IECEX NEM 13.0033X		
EX CODE	• (Ex)    2 GD   Ex d   B + H2 T6 Gb, Ex tb    C T85°C		
STANDARD	• EN / IEC 60079-0, EN / IEC 60079-1, EN / IEC 60079-31 / EN 54-11		
ATEX AREA ZONE	• Gas zone: 1 & 2 Dust zone: 21 & 22		
AMBIENT HUMIDITY*	• until 95% with ice*		
RATED IMPULSE WIHTSTAND VOLTAGE	• 1 kV according to IEC 61000-4-5		
CONTACT TYPE	• 1x C/O or 2x C/O (1)		
CONVENTIONAL THERMAL COURANT (Ith)	• AC 125/250 V (50/60Hz) =11A***; 30V DC = 6A***; 125 V DC = 0.3A***; 250 V DC = 0.6A***		
MINIMUM VOLTAGE AND COURANT	• DC 5V 10mA		
SHORTS CIRCUIT PROTECTION	• 10 A gG		
CABLES ENTRY	• 2 x M20, M25**, 1/2" NPT**, 3/4" NPT** or other** (Specify)		
TERMINAL	• From 22 to 14 AWG - from 0.50 mm² to 2.5 mm²		
NET WEIGHT	• 4.9 Kg		
LINE RESISTOR**	• 470 Ohms**		
SIGNALLING LED**	• Green U =24VDC I= 10 mA; Red U=24V DC I = 20mA		
	* = without runoff - ** = optional - *** = resistive load - cable gland and blind plug not provided		