

# DATASHEET - CP 150 Ex MANUAL CALL POINT

## AUDIBLE & VISUAL SIGNALLING EQUIPMENT



- zone 1 & 2
- zone 21 & 22

### DESCRIPTION - CP 150 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 environments 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, glass protection and hammer are optional.

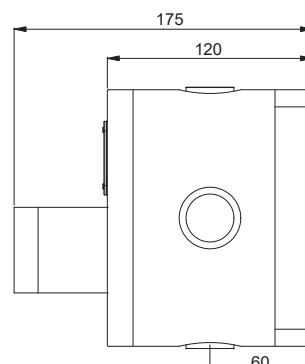
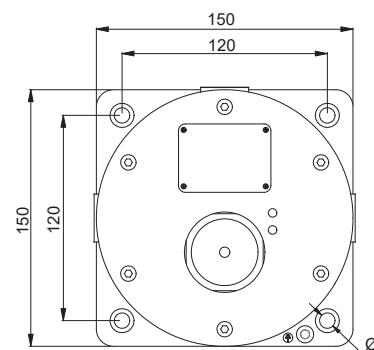
Housing is moulded in Glass-Reinforced Polyester (GRP), dyed in the mass and protected by an UV resistant paint.

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

### PRODUCT CODE CONFIGURATOR

SWITCH	DUTY LABEL	TAG LABEL	LED INDICATOR	FEATURES	CABLE ENTRY	FINISH COLOUR
SINGLE = 1 X C/O	Y = YES	Y = YES	<span style="color: red;">■</span> L = RED & GREEN <span style="color: red;">■</span> R = RED	F = LIFT FLAP R = RESISTOR	<b>A</b> = M20 <b>B</b> = M25 <b>C</b> = 1/2" NPT <b>D</b> = 3/4" NPT	<span style="color: red;">■</span> RD = RED <span style="color: yellow;">■</span> YW = YELLOW <span style="color: blue;">■</span> BU = BLUE <span style="color: black;">■</span> BL = BLACK <span style="color: white;">□</span> OR = OTHER ON REQUEST
DOUBLE = 2 X C/O	N = NO	N = NO	<span style="color: green;">■</span> G = GREEN N = NO LED	D = DIODE N = NO FEATURES		

ADD THE CODES RELATED TO THE FEATURES REQUIRED TO CP 150:

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### TECHNICAL DATA

MATERIAL	• <b>ENCLOSURE:</b> Glass-Reinforced Polyester (GRP)
COLOUR	• <b>RED</b> : RAL 3001 - <b>YELLOW**</b> : RAL1018 - <b>BLUE**</b> : RAL5005 - <b>BLACK**</b> : RAL9005
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	• <b>Nemko</b> 13 ATEX 1564X, IECEX NEM 13.0034X
EX CODE	•  II 2 GD Ex d IIC T6 Gb, Ex tb IIIC T85°C
STANDARD	• EN / IEC 60079-0, EN / IEC 60079-1, EN / IEC 60079-31
ATEX AREA ZONE	• <b>Gas zone:</b> 1 & 2 <b>Dust zone:</b> 21 & 22
AMBIENT HUMIDITY*	• until 95% with ice*
RATED IMPULSE WITHSTAND VOLTAGE	• 1 kV according to IEC 61000-4-5
CONTACT TYPE	• 1x C/O or 2x C/O (1)
CONVENTIONAL THERMAL COURANT (I <sub>th</sub> )	• 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	• 4 x M20, M25**, 1/2" NPT**, 3/4" NPT** or other** (Specify)
TERMINAL	• From 22 to 14 AWG - from 0.50 mm <sup>2</sup> to 2.5 mm <sup>2</sup>
NET WEIGHT	• 4.2 Kg
LINE RESISTOR**	• 470 Ohms**
SIGNALLING LED**	• <b>Green</b> U =24VDC I= 10 mA ; <b>Red</b> U=24V DC I = 20mA

\* = without runoff - \*\* = optional - \*\*\* = resistive load - cable gland and blind plug not provided