DATASHEET - CP 150 Ex MANUAL CALL POINT

AUDIBLE & VISUAL SIGNALLING EQUIPMENT

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 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, glass protection and 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.
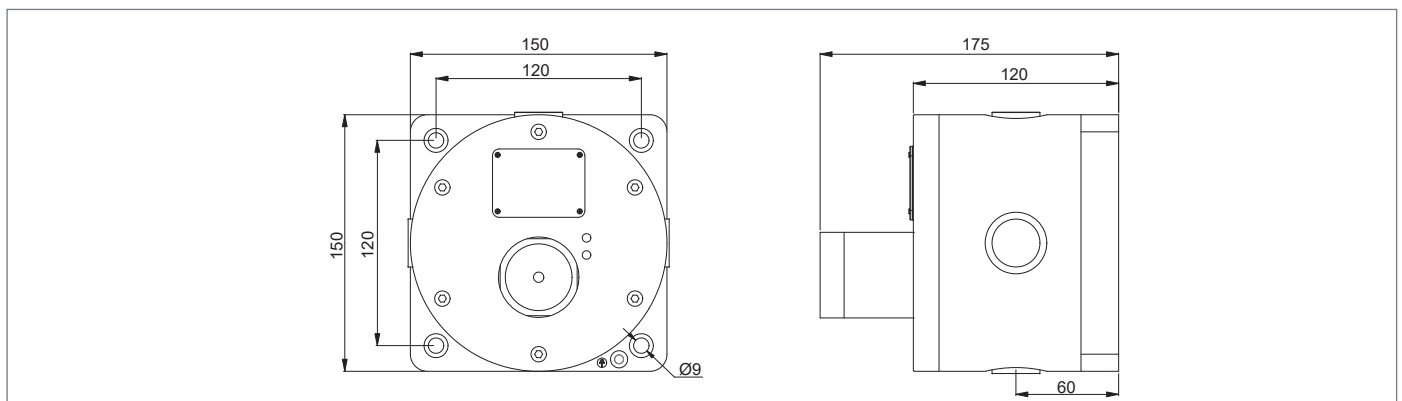(see accessories annex)

- zone 1 & 2
- zone 21 & 22

PRODUCT CODE CONFIGURATOR

SWITCH	DUTY LABEL	TAG LABEL	LED INDICATOR	FEATURES	CABLE ENTRY	FINISH COLOUR
SINGLE = 1 X C/O	Y = YES	Y = YES	L = RED & GREEN	F = LIFT FLAP	A = M20	RD = RED
			R = RED	R = RESISTOR	B = M25	YW = YELLOW
DOUBLE = 2 X C/0	N = NO	N = NO	G = GREEN	D = DIODE	C = 1/2" NPT	BU = BLUE
						BL = BLACK
			N = NO LED	N = NO FEATURES	D = 3/4" NPT	OR = OTHER ON REQUEST

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

150
120
150
120
Ø9

175
120
60

DATASHEET - CP 150 Ex MANUAL CALL POINT

AUDIBLE & VISUAL SIGNALLING EQUIPMENT

TECHNICAL DATA

MATERIAL	• **ENCLOSURE**: Glass-Reinforced Polyester (GRP)
COLOUR	• **RED** : RAL 3001 - **YELLOW**** : RAL1018 - **BLUE**** : RAL5005 - **BLACK**** : RAL9005
INGRESS PROTECTION	• IP66/67
AMBIENT TEMPERATURE FOR OPERATION	• **T6** = - 40°C ~ + 55°C , **T5** = - 40°C ~ + 60°C, **T4** = - 40°C ~ + 70°C
CERTIFICATION	• **Nemko** 13 ATEX 1564X, IECEX NEM 13.0034X
EX CODE	• ⟨Ex⟩ 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	• **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	• 4 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	• 4.2 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

DATASHEET - PB 150 Ex MANUAL PUSH BUTTON

AUDIBLE & VISUAL SIGNALLING EQUIPMENT

- zone 1 & 2
- zone 21 & 22

DESCRIPTION - PB 150 Ex MANUAL PUSH BUTTON
This manual call point «push button» 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.

There are two versions: push button and push button with key to release.

The visualisation functions, line detection and lift flap protection are optional.

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

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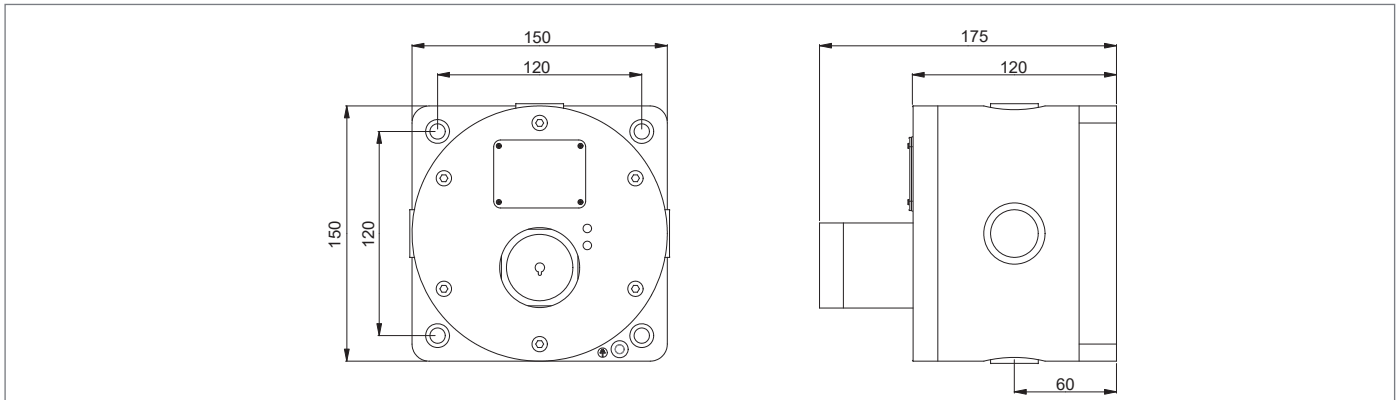(see accessories annex)

PRODUCT CODE CONFIGURATOR

SWITCH	DUTY LABEL	TAG LABEL	RESET	LED INDICATOR	FEATURES	CABLE ENTRY	FINISH COLOUR
SINGLE= 1 X C/O	Y = YES	Y = YES	S = SELF RESET	**L** = RED & GREEN	**F** = LIFT FLAP	**A** = M20	**RD** = RED
				R = RED	**R** = RESISTOR	**B** = M25	**YW** = YELLOW
DOUBLE = 2 X C/O	N = NO	N = NO	K = KEY RESET	**G** = GREEN	**D** = DIODE	**C** = 1/2" NPT	**BU** = BLUE
							BL = BLACK
				N = NO LED	**N** = NO FEATURES	**D** = 3/4" NPT	**OR** = OTHER ON REQUEST

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

WWW.EX-TECH.NO

DATASHEET - PB 150 Ex MANUAL PUSH BUTTON

AUDIBLE & VISUAL SIGNALLING EQUIPMENT

TECHNICAL DATA

MATERIAL	• **ENCLOSURE**: Glass-Reinforced Polyester (GRP)
COLOUR	• **RED** : RAL 3001 - **YELLOW**** : RAL1018 - **BLUE**** : RAL5005 - **BLACK**** : RAL9005 - **BLACK WITH YELLOW ZEBRA***** **:** RAL9004+RAL1018
INGRESS PROTECTION	• IP66/67
AMBIENT TEMPERATURE FOR OPERATION	• **T6** = - 40°C ~ + 55°C , **T5** = - 40°C ~ + 60°C, **T4** = - 40°C ~ + 70°C
CERTIFICATION	• **Nemko** 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	• **Gas zone:** 1 & 2 **Dust zone:** 21 & 22
AMBIENT HUMIDITY*	• until 95% with ice if flap option
RATED IMPULSE WITHSTAND VOLTAGE	• 1kV following IEC 61000-4-5
CONTACT TYPE	• 1x C/O or 2x C/O
COMMAND TYPE UNIT	• self reset or key push pull
CONVENTIONAL THERMAL COURANT (Ith)	• AC 125/250 V (50/60Hz) = 11 A*** ; 30V DC = 6A***; 125 VDC = 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 mm² to 2.5 mm²
NET WEIGHT	• 4.2 Kg
LINE RESISTOR**	• 470 Ohms**
SIGNALLING LED**	• Green U= 24V DC I=10mA; Red U=24V DC I= 20mA
	* = without runoff - ** = optional - *** resistive load - cable gland and blind plug not provided