

PB 135 EX MANUAL PUSH BUTTON

Zones 1, 2, 21, 22

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4



CONTROL & CONNECTION EQUIPMENT

ATEX MANUAL CALL POINT

ZONES 1, 2 (gas) & 21, 22 (dust)



This manual call point «push button» is certified for use in explosive atmosphere, zone 1 & 2 for gas and zone 21 & 22 for dust. It's 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.

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

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



EU-Type Examination Certificate

PRODUCT CODE CONFIGURATOR

SWITCH	DUTY LABEL	TAG LABEL	RESET	LED INDICATOR	FEATURES	CABLE ENTRIES	ENTRY POSITION	FINISH COLOUR
SINGLE = 1 x C/O	Y = YES	Y = YES	S = SELF RESET	L = RED & GREEN R = RED	F = LIFT FLAP R = RESISTOR	A = M20 B = M25	T = TOP	RD = RED YW = YELLOW BU = BLUE BL = BLACK OR = OTHER
	N = NO	N = NO	K = KEY RESET	G = GREEN N = NO LED	D = DIODE N = NO FEATURES	C = 1/2" NPT C = 3/4" NPT	B = BOTTOM	
	ADD THE CODES RELATED TO THE FEATURES REQUIRED TO PB 135:							

TECHNICAL SPECIFICATIONS

Marking:	II 2G Ex d IIC + H2 T6 Gb II 2D Ex tb IIIC T85°C
Certificate:	EU-Type Examination Certificate
Operating temperature:	T6: - 40°C to + 55°C T5: - 40°C to + 60°C T4: - 40°C to + 70°C
Ambient humidity*:	Until 95% with ice if flap option
Housing:	Glass fibre reinforced polyester (GRP)
Colour:	RED: RAL 3001 YELLOW*: RAL 1018 BLUE*: RAL 5005 BLACK*: RAL 9005
Rated impulse withstand voltage:	1kV following IEC 61000-4-5
Contact type:	1x C/O
Command type unit:	Self reset or key push pull
Conventional thermal courant:	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
Short circuit protection:	10 A gG
Connection:	From 22 to 14 AWG - from 0.50 mm ² to 2.5 mm ²
Weight:	2 kg
Line resistor**:	470 Ohms
Signalling LED**:	Green U= 24V DC I=10mA; Red U=24V DC I= 20mA
Cable entries:	2 x M20, M25**, 1/2" NPT**, 3/4" NPT** or other** (specify) (cable glands not included)
* = without runoff - ** = optional - *** resistive load	

