

PB 135 CONFIGURABLE EX MANUAL PUSH BUTTON

Zones 1, 2, 21, 22

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ATEX MANUAL CALL POINT

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



The flameproof PB 135 manual push button is ATEX/IECEx certified for use in potentially explosive atmospheres. It can be used to activate alarms to alert personnel to potential dangers, help signal the need for immediate action in emergency situations and more. It is constructed from GRP. Optional SIL2 IEC61508 certification. Robust and highly reliable, this Ex manual push button is designed for corrosive environments and hazardous areas.

Application: Oil and gas, chemical, petrochemical, pharmaceutical, marine and offshore applications.

These ATEX / IECEx compliant manual push buttons are compatible with PLC, ESD and DCS systems.



EU-Type Examination Certificate

PRODUCT CODE CONFIGURATOR

SWITCH	DUTY LABEL	TAG LABEL	RESET	LED INDICATOR	FEATURES	CABLE ENTRIES	ENTRY POSITION	FINISH COLOUR
S = 1 x C/O	Y = YES	Y = YES	S = SELF RESET	L = RED & GREEN	F = LIFT FLAP	A = 2x M20x1,5	T = TOP	RD = RED
								YW = YELLOW
				R = RED	R = RESISTOR(S)	B = 1x M25x1,5 + 1x M20x1,5		BU = BLUE
								BL = BLACK
	N = NO	N = NO	K = KEY RESET	G = GREEN	D = DIODE(S)	C = 1/2" NPT + 1x M20x1,5	B = BOTTOM	GN = GREEN
								GY = GREY
				N = NO LED	N = NO FEATURES	D = 3/4" NPT+1x M20x1,5		OJ = ORANGE
								OR = OTHER
ADD THE CODES RELATED TO THE FEATURES REQUIRED TO PB 135 (FOR EXAMPLE: PB 135 S Y N S G N A B RD)								

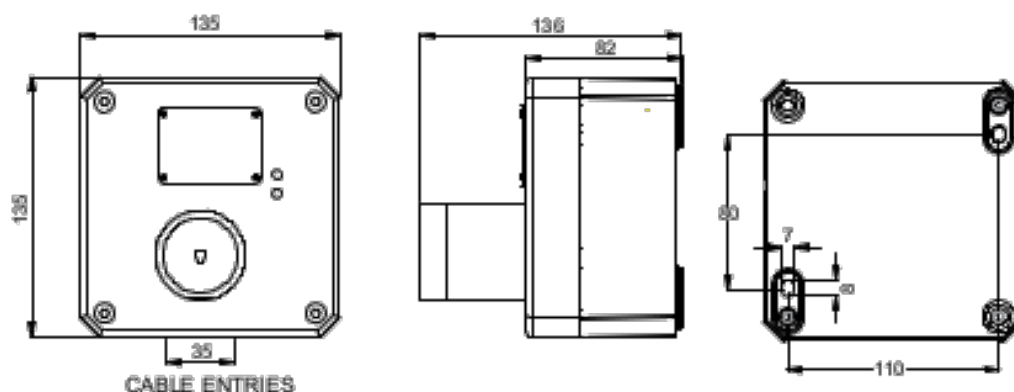
TECHNICAL SPECIFICATIONS

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*:	Up to 95%
Housing:	Glass fibre reinforced polyester (GRP)
Ingress protection:	IP66/67
Colour:	RED: RAL 3001/3028 YELLOW**: RAL 1018 BLUE**: RAL 5005 BLACK**: RAL 9005 GREEN**: RAL6032 GREY**: RAL7038 ORANGE**: RAL2010
Rated impulse withstand voltage:	1kV following IEC 61000-4-5
Contact type:	1x C/O
Command type unit:	Self reset or key push pull
Rating:	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 1 watt
Signalling LED**:	Green U= 24V DC I=10mA; Red U=24V DC I= 20mA
Cable entries:	2x M20 1x M25 + 1x M20 1x 1/2" NPT + 1x M20 1x 3/4" NPT + 1x M20 (specify) (cable glands not included)
* = without runoff - ** = optional - *** resistive load	

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CONTROL & CONNECTION EQUIPMENT