

DATASHEET - PB 135 Ex PUSH BUTTON

AUDIBLE & VISUAL SIGNALLING EQUIPMENT



The product finish is colour is natural GRP material colour with no painting. This makes the production process is more environmentally friendly. We provide colours of Red (Ral 3001), Yellow (Ral 1003), Blue (Ral 5005) and Black (Ral 9004) for customer's selection. Other colours are also available upon customer's request.

DESCRIPTION PB 135 Ex Push Button was designed according to EN/IEC 60079-0, EN/IEC 60079-1 and EN 54 standards. This product is ATEX certified. It especially applies to Oil & Gas, Chemical, Petrochemical, Refinery, Marine and Offshore Industries etc. for the high-corrosion and hazardous areas.

It is compatible with PLC, DCS and ESD system via 4-20 mA output. It is ideal to be used as an explosion-proof Manual Call Point for Fire Alarm System with Addressable Module fixed. Please make enquiry to Fire Alarm System Supplier for the model selection of Addressable Module.

The design of two LED indicators (Green and/or Red) is unique. During normal operation, the Green LED is on. When device fault or alarm status arises, the Green LED will be cut off and Red LED will be on.

MAIN FEATURES • Ex d IIB + H2 T6 • Zone 1 & 2 • Industrial Explosive Gas Environment • IP 66 • GRP Material • Natural GRP Finish Colour with No Painting • Push Button Type • Self Reset or Key Reset • Lift Flap Available • Optional LED Indicator • Resistor and/or Diode can be Fixed • Compatible with PLC, DCS and ESD System • Standard: EN/IEC 60079-0, EN/IEC 60079-1, EN 54

INTENDED USE

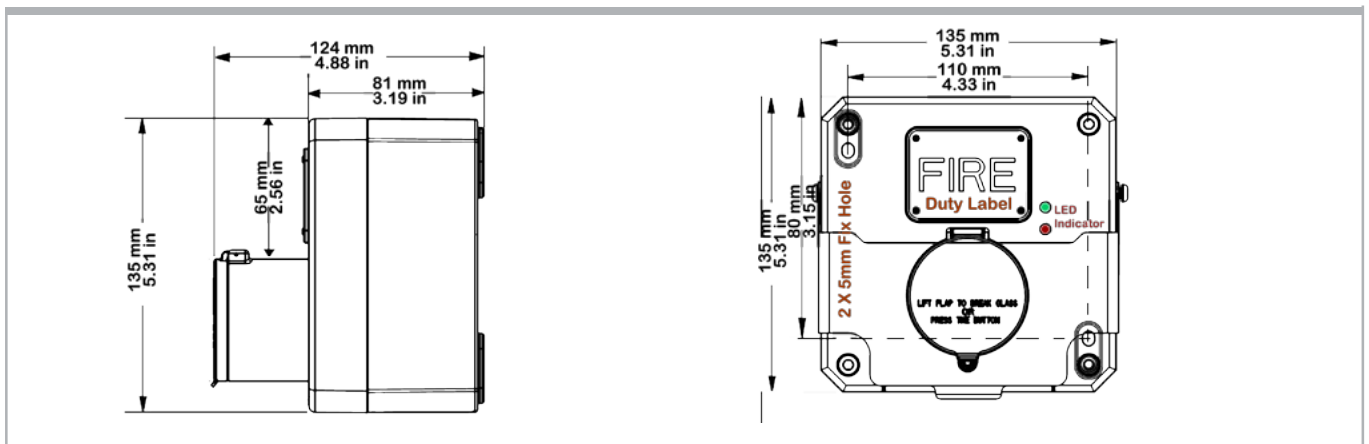


- zone 1 & 2
- zone 21 & 22 (pending)

ORDER INFORMATION - PB 135 - EX PUSH BUTTON

PRODUCT NUMBER	SWITCH	DUTY LABEL	TAG LABEL	RESET	LED INDICATOR	FEATURES	CABLE ENTRY	ENTRY POSITION	FINISH COLOUR
PB 135	S = single switch	Y = YES	Y = YES	S = SELF RESET	L = RED & GREEN R = RED G = GREEN N = NO LED	F - lift flap R - resistor (specify) D - diode (specify) N - no features	A - M20 B - M25 C - 1/2NPT D - 3/4NPT O - Others	T = TOP B = BOTTOM	RD= RED BU= BLUE YW= YELLOW BL= BLACK OR=OTHERS
MODEL CONFIGURATOR									
PB 135	+								

DIMENSIONS - PB 135 - EX PUSH BUTTON



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SPAREPARTS & ACCESSORIES

M20 Stainless Steel Ex d Blind Plug	55100110920	M20 Stainless Steel Ex d Cable Gland	CG SM020X
M25 Stainless Steel Ex d Blind Plug	55100110925	M25 Stainless Steel Ex d Cable Gland	CG SM025X
1/2NPT Stainless Steel Ex d Blind Plug	55100110821	1/2NPT Stainless Steel Ex d Cable Gland	CG SN012X
3/4NPT Stainless Steel Ex d Blind Plug	55100110843	3/4NPT Stainless Steel Ex d Cable Gland	CG SN034X

TECHNICAL INFORMATION - PB 135 - EX PUSH BUTTON

EX CODE	<ul style="list-style-type: none"> Ex d IIB + H2 T6
ATEX MARKING	<ul style="list-style-type: none"> Ⓔ II 2 G
AMBIENT TEMPERATURE	<ul style="list-style-type: none"> -40 to + 70° C
HUMIDITY	<ul style="list-style-type: none"> ≤ 95% RH
MECHANICAL SPECIFICATION:	
MATERIAL	<ul style="list-style-type: none"> Enclosure: GRP
FINISH COLOUR	<ul style="list-style-type: none"> Red, Yellow, Blue, Black and Others (Specify)
INGRESS PROTECTION	<ul style="list-style-type: none"> IP 66
WEIGHT	<ul style="list-style-type: none"> 1.5 kg / 3.31 lb
DIMENSIONS	<ul style="list-style-type: none"> Length: 135 mm / 5.31" Width: 135 mm / 5.31" Height: 80.5 mm / 3.17"
ELECTRICAL SPECIFICATION:	
SWITCH RATING	<ul style="list-style-type: none"> 30V DC: 6A (Resistive), 6A (Inductive) 250V AC: IIA (Resistive), 6A (Inductive)
OUTPUT	<ul style="list-style-type: none"> On-off Output (NC/NO)
TERMINAL	<ul style="list-style-type: none"> ≤ 2.5mm² Cable
CABEL ENTRY	<ul style="list-style-type: none"> 2 x M20, M25, 1/2"NPT, 3/4"NPT or Others (Specify)
CERTIFICATION	<ul style="list-style-type: none"> ATEX, IECEX (Pending), IMETRO (Pending), CQST, ABS Certificate

INTENDED USE



- zone I & 2
- zone 21 & 22 (pending)