

DATASHEET - PB 150 Ex PUSH BUTTON

AUDIBLE & VISUAL SIGNALLING EQUIPMENT

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.

The product is made in natural coloured GRP material. 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.

MAIN FEATURES • Ex d IIC T6 • Zone I & 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 I & 2
- zone 21 & 22 (pending)



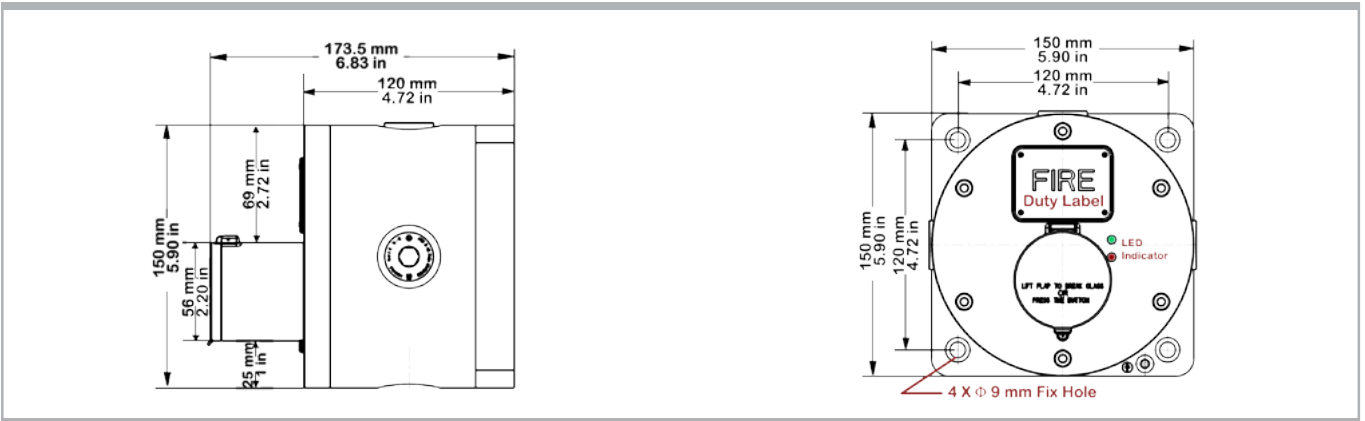
DESCRIPTION PB 150 Ex Push Button was designed according to EN/IEC 60079-0, EN/IEC 60079-1 and EN 54 standards. This product is certified for use in Zone I and Zone 2 areas. It especially applies to Oil & Gas, Chemical, Petrochemical, Refinery, Marine and Offshore Industries etc. for the high-corrosion 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.

ORDER INFORMATION - PB 150 - EX PUSH BUTTON

PRODUCT NUMBER	SWITCH	DUTY LABEL	TAG LABEL	RESET	LED INDICATOR	FEATURES	CABLE ENTRY	ENTRY POSITION	FINISH COLOUR
PB 150	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 150	+								

DIMENSIONS - PB 150 - 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 150 - EX PUSH BUTTON

EX CODE	<ul style="list-style-type: none"> Ex d IIC 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 (Glass Reinforced Polyester)
ENCLOSURE FINISH	<ul style="list-style-type: none"> Natural coloured material in: Red, Yellow, Blue, Black and Others (Specify)
INGRESS PROTECTION	<ul style="list-style-type: none"> IP 66
WEIGHT	<ul style="list-style-type: none"> 4.2 kg / 9.26 lb
DIMENSIONS	<ul style="list-style-type: none"> Length: 150 mm / 5.91" Width: 150 mm / 5.91" Height: 164 mm / 6.46"
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"> 4 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

INTENDED USE



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- zone 21 & 22 (pending)