

# DATASHEET - CP 150 Ex MANUAL CALL POINT

## AUDIBLE & VISUAL SIGNALLING EQUIPMENT



**DESCRIPTION** CP 150 Ex Manual Call Point was designed according to EN/IEC 60079-0, EN/IEC 60079-1 and EN 54 standards. This product is certified for use and installation in Zone 1 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 Ex 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.

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 1 & 2 • Industrial Explosive Gas Environment • IP 66 • GRP Material • Natural GRP Finish Colour with No Painting • Break Glass Type • 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)

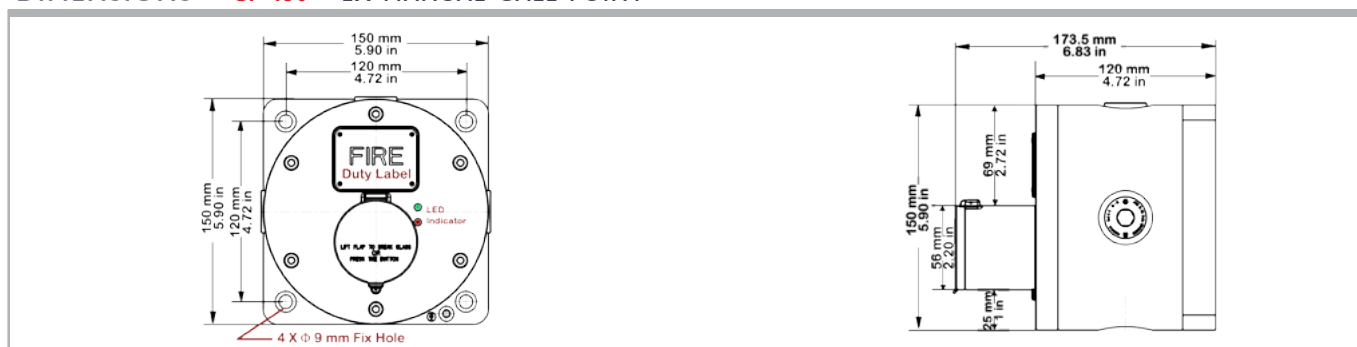
## ORDER INFORMATION - CP 150 - EX MANUAL CALL POINT

| PRODUCT NUMBER | SWITCH                      | DUTY LABEL        | TAG LABEL         | LED INDICATOR                                                                     | FEATURES                                                                                                      | CABLE ENTRY                                                                                     | ENTRY POSITION                            | FINISH COLOUR                                                                                        |
|----------------|-----------------------------|-------------------|-------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------|
| CP 150         | <b>S</b><br>= single switch | <b>Y</b><br>= YES | <b>Y</b><br>= YES | <b>L</b> = RED & GREEN<br><b>R</b> = RED<br><b>G</b> = GREEN<br><b>N</b> = NO LED | <b>F</b> - lift flap<br><b>R</b> - resistor (specify)<br><b>D</b> - diode (specify)<br><b>N</b> - no features | <b>A</b> - M20<br><b>B</b> - M25<br><b>C</b> - 1/2NPT<br><b>D</b> - 3/4NPT<br><b>O</b> - Others | <b>T</b><br>= TOP<br><b>B</b><br>= BOTTOM | <b>RD</b> = RED<br><b>BU</b> = BLUE<br><b>YW</b> = YELLOW<br><b>BL</b> = BLACK<br><b>OR</b> = OTHERS |

MODEL CONFIGURATOR

CP 150 + [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

## DIMENSIONS - CP 150 - EX MANUAL CALL POINT



## 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 |

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## TECHNICAL INFORMATION - CP 150 - EX MANUAL CALL POINT

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| EX CODE                          | • Ex d IIC T6                                                                                   |
| ATEX MARKING                     | •  II 2 G      |
| AMBIENT TEMPERATURE              | • -40 to + 70° C                                                                                |
| HUMIDITY                         | • ≤ 95% RH                                                                                      |
| <b>MECHANICAL SPECIFICATION:</b> |                                                                                                 |
| MATERIAL                         | • <b>Enclosure:</b> GRP (Glass Reinforced Polyester)                                            |
| ENCLOSURE FINISH                 | • <b>Natural coloured materials in:</b> Red, Yellow, Blue, Black and Others (Specify)           |
| INGRESS PROTECTION               | • IP 66                                                                                         |
| WEIGHT                           | • 4,2 kg / 9,26 lb                                                                              |
| DIMENSIONS                       | • <b>Length:</b> 150 mm / 5.91" <b>Width:</b> 150 mm / 5.91" <b>Height:</b> 164 mm / 6.46"      |
| <b>ELECTRICAL SPECIFICATION:</b> |                                                                                                 |
| SWITCH RATING                    | • <b>30V DC:</b> 6A (Resistive), 6A (Inductive) <b>250V AC:</b> IIA (Resistive), 6A (Inductive) |
| OUTPUT                           | • On-off Output (NC/NO)                                                                         |
| TERMINAL                         | • ≤ 2.5mm <sup>2</sup> Cable                                                                    |
| CABEL ENTRY                      | • 4 x M20, M25, 1/2"NPT, 3/4"NPT or Others (Specify)                                            |
| CERTIFICATION                    | • ATEX, IECEX(Pending), IMETRO (Pending), CQST                                                  |

### INTENDED USE



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