# CM135 22mm Vandalproof Pushbutton

| ⌀ 22mm | ⌀ 25mm | ↕ 34.8mm | ↕ 40.3mm | IP65 | LED |
|---|---|---|---|---|---|
| | | ↕ 35.3mm | ↕ 41mm | IP67 | |

## Specification

| | |
|---|---|
| Termination | Screw or 2.8×0.5mm fast connect terminals |
| Switching function | Momentary or maintained |
| Configuration of poles | Single |
| Maximum load | 5A, 48VAC |
| LED voltage | See ordering information |
| Contact resistance | < 50mΩ |
| Insulation resistance | > 1000MΩ |
| Operating temperature | -20°C to +55°C |
| Ingress protection | IP67 (EN 60529) maintained: IP65 |
| Duty cycle | 50,000 (min) |
| Operating force | 5.5N |
| Nut mounting torque | ~ 0.8Nm |
| Panel thickness | 1.0mm to 8.0mm |
| Body & button material | See ordering information |
| Contact material | Silver Alloy |

## Product Dimensions

All dimensions in mm

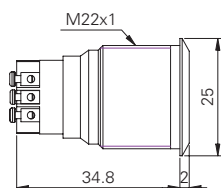### 2.8mm Terminals Momentary
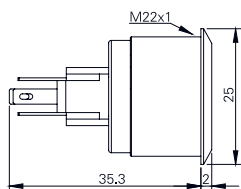

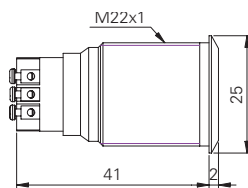
### 2.8mm Terminals Maintained
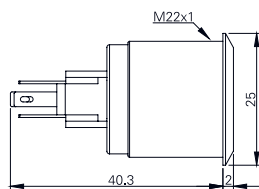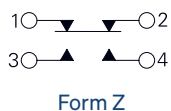


### Front View (ring)



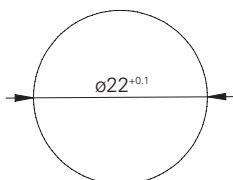### Front View (dot)



### Screw Terminals Momentary
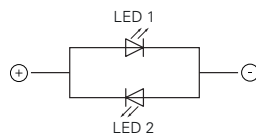


### Screw Terminals Maintained



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## Circuit Diagram



1 ○—▼—▼—○ 2
3 ○—▲—▲—○ 4

Form Z

## Mounting Dimensions



ø22 +0.1

## LED Circuit Diagram



LED 1

+ ⊢ ⊣ −

LED 2

## Wiring Instructions

### 2 LED pins



Switch terminals

4
2

1
3

LED-Voltage supply

### 3&4 LED pins [4,5]



Switch terminals

4
2

LED 1
LED 2

LED common
LED 3

1
3



Switch Terminals

LED-Voltage Supply
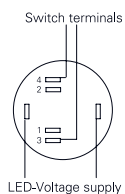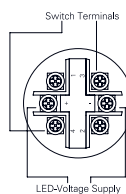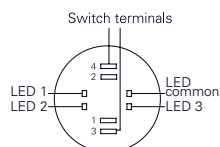
## Ordering Information



| Material | LED | LED Colour | LED Voltage | Switch Function | Termination |
|---|---|---|---|---|---|
| V2: Stainless steel[1] | R: Ring | GN: Green | 00: No resistor[6] | M: Momentary | 28: 2.8mm tabs |
| AS: Black aluminium | D: Dot | RD: Red | 06: 6 volt | L: Maintained[2] | ST: Screws |
| | S: Powerring[2] | YL: Yellow | 12: 12 volt | | |
| | X: Custom[2] | BL: Blue | 24: 24 volt | | |
| | | WH: White | | | |
| | | GR: Green/red[3] | | | |
| | | BR: Blue/red[3] | | | |
| | | GB: Green/blue[3] | | | |
| | | 01: Green/red[4,7] | | | |
| | | 02: Green/blue[4,7] | | | |
| | | 03: Blue/red[4,7] | | | |
| | | 11: RGB[5,7,8] | | | |

CMI35 / ☐ / F / ☐ / ☐ / ☐ / S / ☐

[1]  1.4301
[2]  IP65 (EN60529)
[3]  2 pins, colour change by swapping polarity
[4]  3 pins for LED connection (one per colour and common cathode
     (common anode available on request))
[5]  Red/green/blue, 4 pins for LED connection (one per colour and common cathode
     (common anode available on request))
[6]  Red, yellow: 1.8V | Green, blue, white: 2.8V (15mA)
[7]  Only available with solder terminals
[8]  Only available without resistor

Non rotating button available on request

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