

# Specialty Products

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| Camera Housing                   |      |
| VCB series Video Camera Housings | 548  |
|                                  |      |
|                                  |      |



VCB4



DA2W2E102



VCBA

# VCB series Video Camera Housings

## Flameproof

Zone 1 and 2 - 21 and 22  
Gas (G) and Dust (D)

### Applications

- Flameproof housing to encase video camera used for onshore and offshore site and process supervision.

### Features

- Compatible with any camera model with the following specifications:
  - Length compatible with one of the two sizes:
    - 475 mm
    - 735 mm
  - Maximum cross section for the camera : < 127 cm².
  - Capacitor's residual energy (after opening) : < 20 µJ.
  - Maximum dissipated power: 14 W.
  - Equipped with back plate.
  - Two M20 threaded cable entries.

### Standard Materials

- Body: gray painted aluminium
- Window: sealed toughened glass

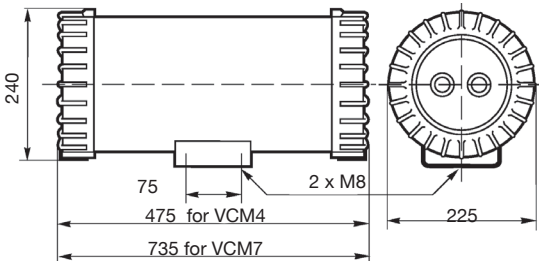
### ATEX Certifications and Compliances

- Certification Type: CAM**
  - Gas: Zones 1 and 2
    - Conforming to ATEX 94/9/CE:  II 2 G
    - Type of Protection: Ex d IIC
    - Temperature class: T6 for Ta ≤ +40 °C and T5 for +55 °C
  - Dust: Zones 21 and 22
    - Conforming to ATEX 94/9/CE:  II 2 D
    - Type of Protection: Ex tD A21
    - Surface Temperature: T100 °C
  - Ambient Temperature: -40 °C to +55 °C
  - Index of Protection according EN/IEC 60529: IP66
  - Impact Resistance (shock): IK10
  - Internal Volume: ≤ 2 dm³ — 2 liters
  - CE Declaration of Conformity: 50255
  - ATEX Certificate: LCIE 03 ATEX 6080



VCB4  
(475 mm length version)

### Dimensions in Millimeters



| Length (mm) | Weight kg | Volume dm³ | Catalog Number |
|-------------|-----------|------------|----------------|
| 475         | 14.2      | 41         | VCB4           |
| 735         | 18.7      | 61         | VCB7           |

# VCB series Video Camera Housings

## Flameproof

Zone 1 and 2 - 21 and 22  
Gas (G) and Dust (D)

### Applications

- Flameproof housing to encase video camera used for onshore and offshore site and process supervision.

### Features

- Maximum dissipated power: 10 W.
- Equipped with a back plate.
- One open view glass window, usable Ø 84 mm.
- Two internal grounding connection: M4 screw. External grounding: M6 screw.
- Two M20 threaded entries at the bottom.

### Standard Materials

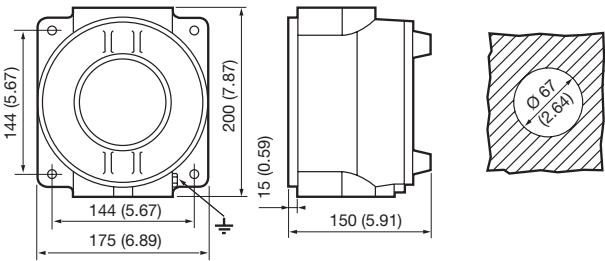
- Body: gray painted aluminium
- Window: sealed toughened glass

### ATEX Certifications and Compliances

- Certification Type: BR2d**
  - Gas: Zones 1 and 2
    - Conforming to ATEX 94/9/CE:  II 2 G
    - Type of Protection: Ex d IIC
    - Temperature Class: T6
  - Dust: Zone 21 and 22
    - Conforming to ATEX 94/9/CE:  II 2 D
    - Type of Protection: Ex tD A21
    - Surface Temperature: T80 °C
  - Ambient Temperature: -40 °C to +55 °C
  - Index of Protection according EN/IEC 60529: IP66
  - Impact Resistance (shock): IK09
  - Internal Volume: ≤ 2 dm³ — 2 liters
  - CE Declaration of Conformity: 50256
  - ATEX Certificate: LCIE 03 ATEX 6062



Dimensions in Millimeters (Inches)



| Weight kg | Volume dm³ | Catalog Number |
|-----------|------------|----------------|
| 3.5       | 13         | DA2W2E102      |

### Accessories

|                                                                                     | Description      | Catalog Number |
|-------------------------------------------------------------------------------------|------------------|----------------|
|  | Adjustable Mount | VCBHBA         |

# VCB series Video Camera Housings

## Flameproof

Zone 1 and 2 - 21 and 22  
Gas (G) and Dust (D)

### Applications

- Flameproof housing to encase video camera used for onshore and offshore site and process supervision.

### Features

- Maximum Power: 10 W.
- One open view glass window, usable diameter 155 mm.
- Threaded flameproof joint.
- Two M20 threaded entries with one blanking plug.

### Standard Materials

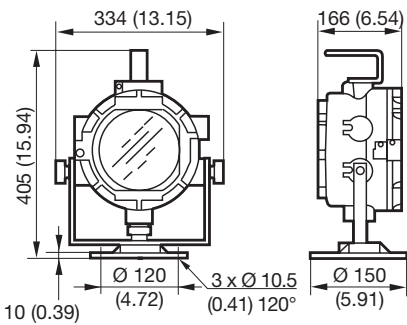
- Body: gray painted aluminium
- Window: sealed toughened glass

### ATEX Certifications and Compliances

- **Certification Type: PJ70**
  - Gas: Zones 1 and 2
    - Conforming to ATEX 94/9/CE:  II 2 G
    - Type of Protection: Ex d IIC
    - Temperature Class: T6
  - Dust: Zone 21 and 22
    - Conforming to ATEX 94/9/CE:  II 2 D
    - Type of Protection: Ex tD A21
    - Surface Temperature: T80 °C
  - Ambient Temperature: -40 °C to +55 °C
  - Index of Protection according EN/IEC 60529: IP66
  - Impact Resistance (shock): IK10
  - Internal Volume: ≤ 2 dm³ — 2 liters
  - CE Declaration of Conformity: 50239
  - ATEX Certificate: LCIE 02 ATEX 6227



Dimensions in Millimeters (Inches)



| Weight kg | Volume dm³ | Catalog Number |
|-----------|------------|----------------|
| 8         | 27         | VCBA           |

# Notes

