

ATX™ VCB4 and VCB7 Video Camera Housings

Flameproof

ATEX:
 Zone 1 and 2 - 21 and 22
 II 2 GD
 IP66 - IK10

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 (18.70")
 - 735 mm (28.94")
 - Maximum cross section for the camera : < 127 cm² (19.6 in²).
 - 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

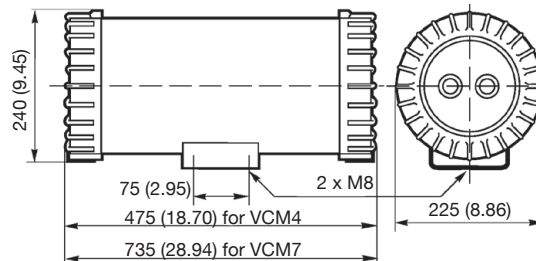
ATEX Certifications and Compliances

- 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 (+104 °F) and T5 for +55 °C (+131 °F)
- Dust: Zone 21 and 22
 - Conforming to ATEX 94/9/CE: II 2 D
 - Type of Protection: Ex tD A21
 - Surface Temperature: T100 °C (T212 °F)
- Ambient Temperature: -40 °C to +55 °C (-40 °F to +131 °F)
- CE Declaration of Conformity: 50255
- ATEX Certificate: LCIE 03 ATEX 6080
- Index of Protection according EN/IEC 60529: IP66
- Impact Resistance (shock): IK10
- Internal Volume: ≤ 2dm³ (122 in³) – 2 liters



VCB4
(475 mm length version)

Dimensions in Millimeters (Inches)



ENCLOSURES AND JUNCTION BOXES: ATEX FLAMEPROOF CAMERA HOUSING

Appleton

Length mm (in)	Weight kg (lb)	Volume dm ³ (in ³)	Catalog Number
475 (18.70)	14.2 (31.31)	41 (2502)	VCB4
735 (28.94)	18.7 (41.23)	61 (3722)	VCB7