

ATEX ENCLOSURES : GUB V SERIES

MECHANICAL CHARACTERISTICS :

Body and lid : Aluminum alloy body with lid with round tempered glass window

Seal : Resistant to acids, hydrocarbons and high temperatures, located between the body and the lid

Certification label : Adhesive label located inside empty enclosures. Aluminum label riveted to the body

Bolts and screws : Stainless steel

Earth screw : Stainless steel. Inside and outside the complete body with anti-rotation brackets

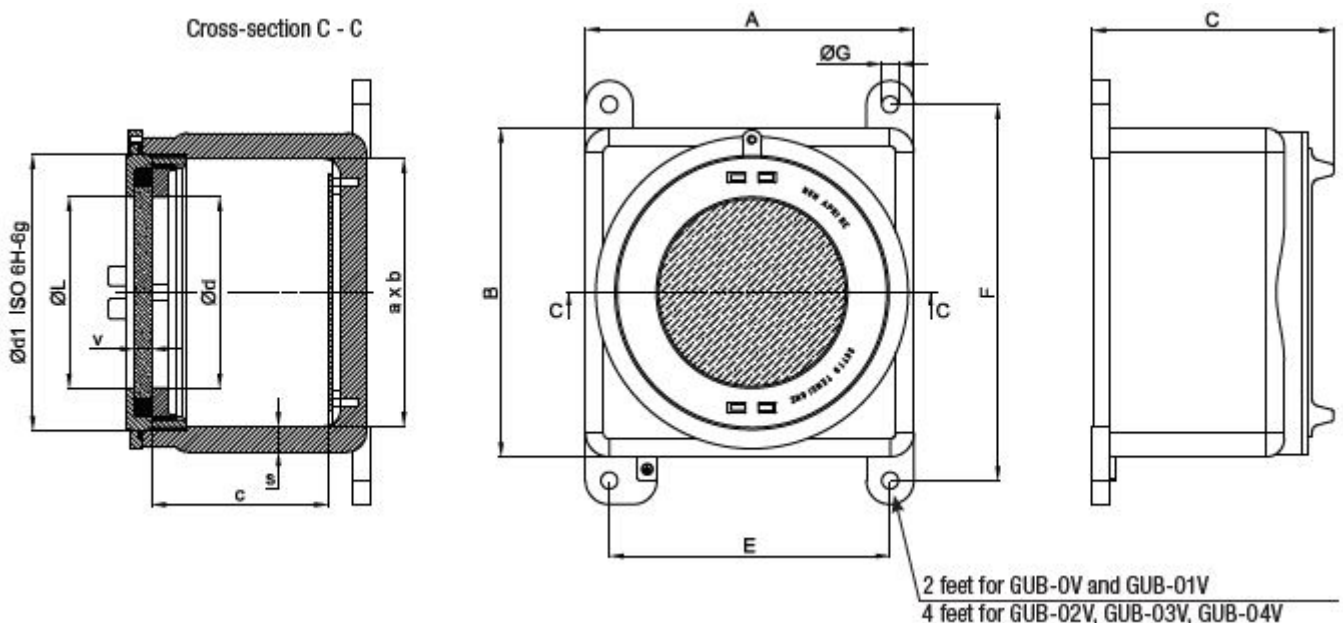
Assembly : Cast aluminum feet

Coating : RAL 7035 polyester coating (light gray)

Corrosion resistance : The STANDARD aluminum used has passed the tests required by EN 60068-2-30 (hot / humid cycles) and EN 60068-2-11 (salt spray tests)











DIMENSIONAL DRAWING OF HOUSINGS WITH ROUND OBSERVATION WINDOW :



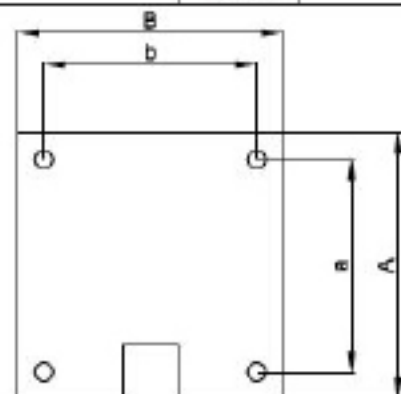
ENCLOSURE SELECTION CHART :

Code	Outside dimensions mm				Inside dimensions mm								Mounting mm			Weight kg
	A	B	C	ØL	a	b	c	Ød	Ød1	s	v	E	F	ØG		
GUB-0V	150	150	125	90	126	126	75	90	130x2	12	10	126	174	10		
GUB-01V	174	174	160	90	146	146	105	92	150x2	12	10	154	195	10		
GUB-02V	230	230	154	140	204	204	95	140	200x3	12	12	196	265	14		
GUB-03V	276	276	200	180	250	250	140	180	250x3	12	15	236	316	14		
GUB-04V	430	430	275	310	398	398	190	310	390x3	16	20	390	480	14		

ACCESORIES AVAILABLE ON REQUEST AND SPARE PARTS :

ILLUSTRATION	DESCRIPTION	MODEL	FEATURES	CODE	KEY
	Internal mounting plates	GUB	Thickness 2.5mm	TF	
		GUB-S		TF-S	
		GUB-0, GUB-0V		TF-0	
		GUB-01, GUB-01V	Aluminium (TF...)	TF-01	
		GUB-02, GUB-02V		TF-02	
		GUB-03, GUB-03V	Galvanized steel (TF...AC)	TF-03	
		GUB-04, GUB-04V		TF-04	
GUB-05		TF-05			
	Breather and drain valve	Thread diameter ISO 7-R 3/8"	Material: stainless steel	ECD-210S	
	Cable glands and unions		For models and codes, visit www.cortangroup.com		
	Viewing window	GUB-0V	Shock and high temperature resistant borosilicate glass sealed in aluminium ring	K-0253	
		GUB-01V		K-0145	
		GUB-02V		K-0254	
		GUB-03V		K-0255	
		GUB-04V		K-0195	

Enclosure	Internal mounting plates				Code
	A	B	a	b	
GUB	80	80	80	48	TF
GUB-S	80	80	60	50	TF-S
GUB-0	100	100	80	60	TF-0
GUB-01	113	113	90	90	TF-01
GUB-02	150	150	130	130	TF-02
GUB-03	200	200	158	158	TF-03
GUB-04	315	315	230	230	TF-04
GUB-05	380	380	280	280	TF-05



CERTIFICATION DATA OF ENVELOPES OF MONITORING, MONITORING AND SIGNALING UNITS :

Classification:

Group II

Category 2GD

Installation: EN 60079-14

zone 1 - zone 2 (Gas)

zone 21 - zone 22 (Dust)

Marking:

CE 0722  II2GD - Ex db IIC T6, T5 Gb - Ex tb IIIc T85°C, T100°C Db - IP66

Certification:

ATEX CESA 01 ATEX 036X

IEC Ex CES 16.0013X

All IEC Ex certification data can be downloaded from www.cortemgroup.com

TR CU AVAILABLE

All TR CU certification data can be downloaded from www.cortemgroup.com

INMETRO DNV 14.0152

All INMETRO certification data can be downloaded from www.cortemgroup.com

Standards:

CENELEC EN 60079-0: 2012 + A11: 2013, EN 60079-1: 2014, EN 60079-31: 2014, EN 60529: 1991 and EUROPEAN DIRECTIVE 2014/34/UE

 **Ambient Temp.:**

 -20°C +40°C 

With temperature class T6 and maximum surface temperature T85°C.

 -20°C +55°C 

With temperature class T5 and maximum surface temperature T100°C.

 -60°C

On request.

Degree of protection:

IP66

APPLICATION SECTORS :



Oil refineries



Chemical and petrochemical plants



Onshore plants



Offshore plants



Oil loading/offloading wharfs



Fuel depots



Low temperatures



100% Cortem product