

GUBOX Series 8265

EXPLOSION PROOF & DUST IGNITION PROOF THREADED ENCLOSURES

ENCLOSURES

STAHL

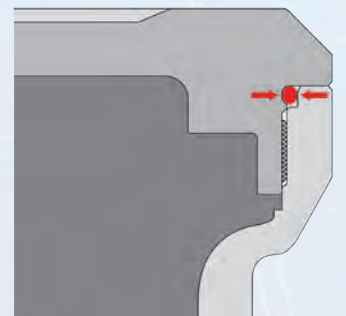
8265 Series of Enclosures

Features:

- Flexible modular design, available in three enclosure sizes.
- Available with or without glass windows.
- Mounting lugs are integrated.
- Made of Copper Free Aluminum (Marine Grade).
- Easy access to enclosure interior.
- Global Certifications.
- Compact square enclosures with threaded covers.



- Cover Gasket is standard on every assembly.



EXPLOSION PROOF & DUST IGNITION PROOF THREADED ENCLOSURES

**CLASSIFICATIONS****NEC & CEC:****Gas Explosion Protection**

Class I, Division 1, Groups A,B,C, & D

Class I, Zone 1, Groups IIC, IIB & IIA

Dust Explosion Protection

Class II, Division 1, Groups E,F, & G

Class III

Environmental Protection

Type 3, 4, 4X, 7 & 9



FILE No. E307783

Ingress Protection IP66:

For ATEX and IEC certification please
contact factory.

APPLICATIONS

The Series 8265 of threaded enclosures are for use in hazardous (classified) locations as specified above under CLASSIFICATIONS. They are designed to contain ordinary location electrical components for Instrumentation and Motor Control. The three sizes are available with or without windows, and come either with customized, factory drilled and tapped entry openings, or they also can be field modified. (see Field Drilling/Tapping Information on Page I2).

**Ordering Information**

Catalog Number	External Dimensions L x W x D	Descriptions
8265/62-0000	6.10" x 6.10" x 5.20"; (155 x 155 x 132 mm)	Empty enclosure w/o window
8265/62-0010	6.10" x 6.10" x 5.20"; (155 x 155 x 132 mm)	Empty enclosure with window
8265/63-0000	7.68" x 7.68" x 6.77"; (195 x 195 x 172 mm)	Empty enclosure w/o window
8265/63-0010	7.68" x 7.68" x 6.77"; (195 x 195 x 172 mm)	Empty enclosure with window
8265/64-0000	9.29" x 9.29" x 8.94"; (236 x 236 x 227 mm)	Empty enclosure w/o window
8265/64-0010	9.29" x 9.29" x 8.94"; (236 x 236 x 227 mm)	Empty enclosure with window

Technical Data

DESCRIPTION		
AMBIENT TEMPERATURE	For Groups A, B, C & D and for IIC, IIB & IIA	+50°C (+122°F) max. -25°C (-13°F) min.
	For Groups C & D and for IIB & IIA	+50°C (+122°F) max. -50°C (-58°F) min. (8265/62 - 0000 only)
	For Groups E, F, & G	+40°C (+104°F) max. -25°C (-13°F) min.
MAX. INTERRUPTING CAPACITY OF INSTALLED COMPONENTS	10 kA RMS Symmetrical Amperes	
EXTERNAL AUXILIARY DEVICES (i.e. Push Buttons or Pilot Lights)	Listed for Hazardous Locations USL (NOIV) & CNL (NOIV7)	
WINDOW MATERIAL	Borosilicate Glass	
ENCLOSURE MATERIAL	Copper Free Aluminum (Marine Grade)	

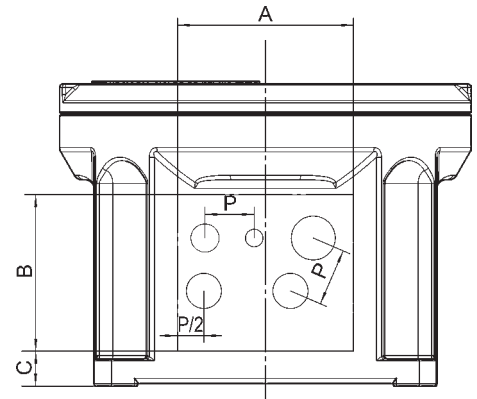
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8265 Maximum Number of Entry Openings Per Side

Entry Size	Enclosure 8265/62	Enclosure 8265/63	Enclosure 8265/64
1/2" NPT	4	9	18
3/4" NPT	3	6	16
3/4"-14 NPSM	3	6	16
1" NPT	2	5	9
1-1/4" NPT	2	3	6
1-1/2" NPT	1	2	4
2" NPT	-	1	3
M20 x 1.5	3	8	16
M25 x 1.5	2	4	9
M32 x 1.5	2	3	6
M40 x 1.5	1	2	4
M50 x 1.5	-	1	3
M63 x 1.5	-	1	1
M75 x 1.5	-	1	1

Area for Conduit/Gland Openings

Enclosure Body	Area for Conduit/Gland Openings		
	Length (A) inches (mm)	Width (B) inches (mm)	Height over mounting surface (C) inches (mm)
8265/62	3.94 (100)	1.89 (48)	0.95 (24)
8265/63	3.94 (100)	3.50 (89)	0.95 (24)
8265/64	5.51 (140)	5.35 (136)	1.02 (26)


Required Center-To-Center Spacing For Entry Openings

Minimum Distance "P" in inches (mm) between entries of different sizes							
Metric or NPT	M20 x 1.5 1/2"	M25 x 1.5 3/4" *	M32 x 1.5 1"	M40 x 1.5 1-1/4"	M50 x 1.5 1-1/2"	M63 x 1.5 2"	M75 x 1.5 —
M20 x 1.5 1/2"	1.18 (30)	—	—	—	—	—	—
M25 x 1.5 3/4"	1.38 (35)	1.57 (39.9)	—	—	—	—	—
M32 x 1.5 1"	1.49 (37.8)	1.68 (42.7)	1.79 (45.5)	—	—	—	—
M40 x 1.5 1-1/4"	1.68 (42.7)	1.88 (47.7)	1.99 (50.5)	2.18 (55.4)	—	—	—
M50 x 1.5 1-1/2"	1.79 (45.5)	1.99 (50.5)	2.10 (53.3)	2.29 (58.2)	3.35 (85) **	—	—
M63 x 1.5 2"	2.12 (53.8)	2.31 (58.8)	2.43 (61.6)	2.62 (66.5)	2.73 (69.3)	3.06 (77.6)	—
M75 x 1.5 —	3.38 (60.5)	2.58 (65.5)	2.69 (68.3)	2.88 (73.2)	2.99 (76)	3.32 (84.3)	3.58 (91)

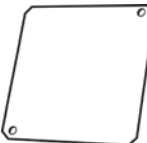
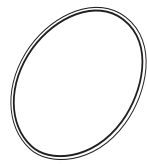
* Also 3/4" -14 NPSM

** P/2 Not Required

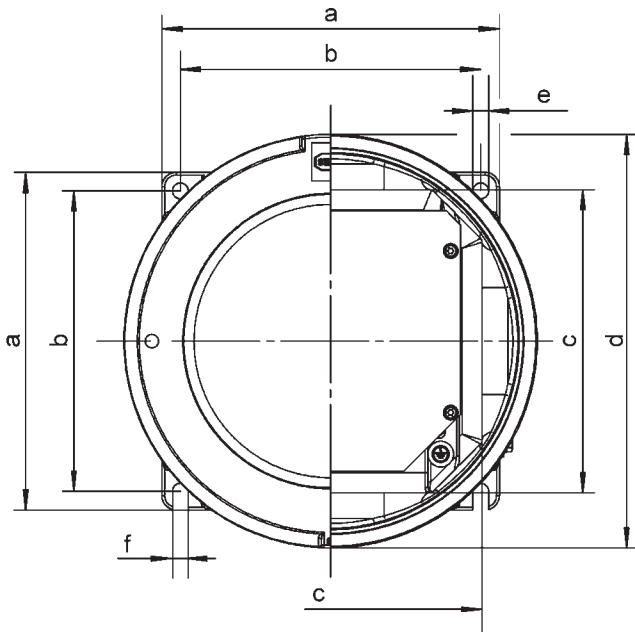
PARTS AND ACCESSORIES

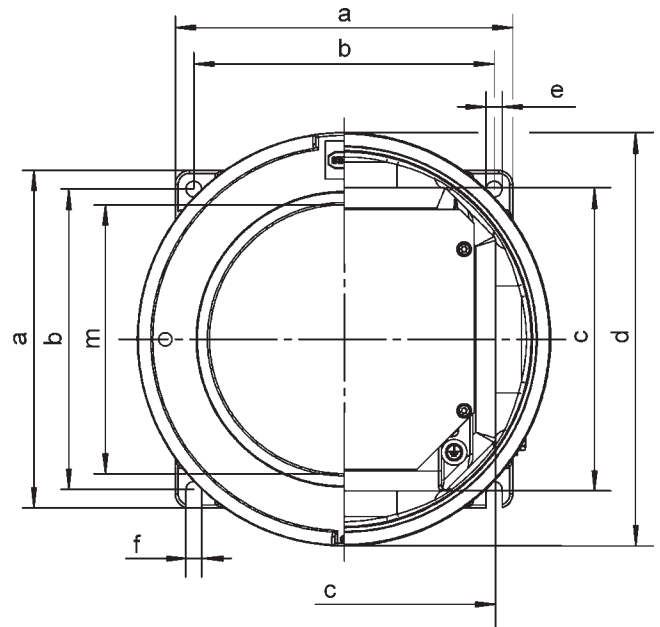


Use only the following original spare parts and accessories, any others would invalidate the certification and warranty.

Item	Image	Description	Catalog Number
Threaded Cover w/o Window		for enclosure: 8265/62-0000 8265/63-0000 8265/64-0000	826590050023 826590050033 826590050043
Threaded Cover with Window		for enclosure: 8265/62-0010 viewable diameter 3.86" (98 mm) of window 8265/63-0010 5.35" (136 mm) 8265/64-0010 7.40" (188 mm)	826500050120 826500050130 826500050140
Mounting Plate		for enclosure 8265/62 for enclosure 8265/63 for enclosure 8265/64	826590550020 826590550030 826590550040
O-Ring		for enclosure 8265/62 for enclosure 8265/63 for enclosure 8265/64	5156550 5156560 5156570
DIN Rails for line-up Terminals		TS15 for enclosure 8265/62 TS35 for enclosure 8265/62 TS15 for enclosure 8265/63 TS35 for enclosure 8265/63 G32 for enclosure 8265/63 TS15 for enclosure 8265/64 TS35 for enclosure 8265/64 G32 for enclosure 8265/64	826590980010 826590980020 8146942980 8146954980 8146949980 8146943980 8146955980 8146950980
Set Screw		M5 x 16-A2 - Allen screw with point to secure the cover	5036760
Handles (Pair)		to turn the enclosure cover	8225001160

THREADED ENCLOSURE DIMENSIONS


 Enclosure 8265/6.-0000,
without window

 Usable Internal Dimensions: $c \times c \times i$

 Enclosure 8265/6.-0010,
with window

 Usable Internal Dimensions: $c \times c \times n$

Dimensions in inches (mm)														
Type	a	b	c	d	e	f	g	h	i	j	k	l	m	n
8265/62	6.10 (155)	5.51 (140)	5.16 (131)	7.56 (192)	0.28 (7)	0.28 (7)	5.20 (132)	3.05 (77.5)	3.25 (82.5)	0.51 (13)	0.51 (13)	0.45 (11.5)	4.13 (105)	3.25 (82.5)
8265/63	7.68 (195)	6.77 (172)	6.73 (171)	9.21 (234)	0.35 (9)	0.35 (9)	6.77 (172)	4.62 (117.5)	5.24 (133)	0.51 (13)	0.51 (13)	0.61 (15.5)	5.55 (141)	4.82 (122.5)
8265/64	9.29 (236)	8.27 (210)	8.35 (212)	11.38 (289)	0.43 (11)	0.43 (11)	8.94 (227)	6.63 (168.5)	7.26 (184.5)	0.51 (13)	0.51 (13)	0.61 (15.5)	7.40 (188)	6.83 (173.5)

