



INSTRUMENT / DEVICE – UL / CSA / ATEX / IECEx



GEB-C with Cover



Application Example



Class I, Div. 1 & 2, Groups B, C, D
 Class I, Zone 1 & 2, Groups IIC, IIB, IIA
 Class II, Div. 1 & 2, Groups E, F, G
 Class III
 Enclosure Type 3, 4 & 4X IP66

UL - File E83969

SP - Certified - LR11716

Sira 12ATEX1243U

IECEx SIR 12.0106U

II 2 G D

Ex d IIC Gb

Ex e IIC Gb

Ex t IIIC Db

Service Ta = -40°C to +163°C* IP66

FEATURES-SPECIFICATIONS

Applications

GEB-EX Series is designed to house small instrumentation or devices for installation in a classified or a zone designated hazardous location anywhere on the **globe** today.

Typical types of instruments are transmitters, monitors, detectors, measurement devices, relays and other control devices.

The **GEB-EX Series** enclosures are suitable for a broad range of **Global Applications** meeting both domestic and international electrical code requirements.

Features

- Body opening 3-1/2" Dia. x 3" deep.
- Cover o-ring supplied as standard for **TYPE 4X and IP66** applications.
- Available in 4 configurations, C, L, T & X with 1/2" through 1-1/2" **NPT taper threaded hubs** providing ground continuity.
- Smooth integral hub busing to protect conductor insulation when pulling.
- Metric M20 through M50 openings also available.
- External cover threads on the body protecting conductors from damages during pulling.
- No pinching of conductors during cover installation.
- One internal & two external grounding (earthing) connections
- Boxes have integral mounting lugs.
- Lugs on cover permit easy removal and tightening.

Materials

- Box & cover: Copper free aluminum (less than 4/10 of 1%)
- Finish: Electrostatically applied powder coating – Grey
- O-Ring Gasket Material: Nitrile compound
- Hub Sizes: 1/2 NPT to 1-1/2 NPT and M20 to M50
- Stainless steel tamper-proof locking set screw in cover.
- "X" configured cast-in mounting pad. Supplied with 4 corded holes for #8-32 self-tapping screws for mounting devices as standard. Units can also be provided with internal customer specified drilling and tapping for OEM device mounting.

HUB TYPE	CATALOG NUMBER	HUB SIZE	CATALOG NUMBER	HUB SIZE	HUB TYPE	CATALOG NUMBER	HUB SIZE	CATALOG NUMBER	HUB SIZE
C	GEB-C-1-EX	1/2"①	GEB-C-M20-EX	M20	L	GEBC-1-EX	1/2"①	GEBC-M20-EX	M20
	GEB-C-2-EX	3/4"	GEB-C-M25-EX	M25		GEBC-2-EX	3/4"	GEBC-M25-EX	M25
	GEB-C-3-EX	1"	GEB-C-M32-EX	M32		GEBC-3-EX	1"	GEBC-M32-EX	M32
	GEB-C-4-EX	1-1/4"	GEB-C-M40-EX	M40		GEBC-4-EX	1-1/4"	GEBC-M40-EX	M40
	GEB-C-5-EX	1-1/2"	GEB-C-M50-EX	M50		GEBC-5-EX	1-1/2"	GEBC-M50-EX	M50
T	GEB-T-1-EX	1/2"①	GEB-T-M20-EX	M20	X	GEBX-1-EX	1/2"①	GEBX-M20-EX	M20
	GEB-T-2-EX	3/4"	GEB-T-M25-EX	M25		GEBX-2-EX	3/4"	GEBX-M25-EX	M25
	GEB-T-3-EX	1"	GEB-T-M32-EX	M32		GEBX-3-EX	1"	GEBX-M32-EX	M32
	GEB-T-4-EX	1-1/4"	GEB-T-M40-EX	M40		GEBX-4-EX	1-1/4"	GEBX-M40-EX	M40
	GEB-T-5-EX	1-1/2"	GEB-T-M50-EX	M50		GEBX-5-EX	1-1/2"	GEBX-M50-EX	M50
	GEB-T-24-EX	3/4 – 1-1/4"	GEB-T-M25M40-EX	M25-M40					
	GEB-T-25-EX	3/4 – 1-1/2"	GEB-T-M25M50-EX	M25-M50					

① GEB*-2-EX supplied with 3/4" to 1/2" reducers

DIMENSIONS								
A	B	C	D	E	F	COVER OPENING	VOLUME IN ³ / ML	MOUNTING CENTERS
6.5" (165)	4.31" (110)	2.94" (75)	1.09" (28)	1.62" (41)	2.03" (51)	3.5" (89)	29 (48)	4.81" (122)

