

Flame Proof Cable Glands GL Series

Application

- Explosion Proof Cable Glands for Non-armored cables certified for enclosures with the following protection modes:
 - Ex-d Flame Proof IIB or IIC
 - Ex-e Increased Safety
- Hazardous areas
- Onshore and offshore



Materials

- Body: Brass, Stainless Steel, Aluminum, Galvanized Steel
- Seal: Silicon, EPDM

Certification Data

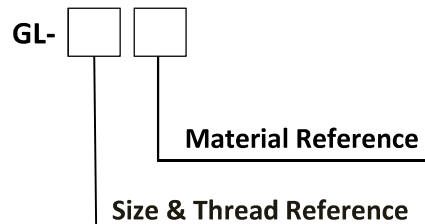
- Installation: Zone 1 & Zone 2
- Marking: II 2G Ex db IIC Gb IP66
- Certificate No.: ECM 17 ATEX 063 U
- Standards:
 - EN 60079-0:2013, EN 60079-1:2014, IEC 60529:2013
 - ATEX Directive 2014/34/EU
- Ambient Temperature: -20° C ~ +100° C

Size & Thread Reference					
ISO Metric		NPT		PG	
Size	Code	Size	Code	Size	Code
M20	1SI	-	-	PG11	1P
M20	1OI	-	-	PG13.5	2P
M20	1AI	1/2"	1N	PG16	3P
M25	2I	3/4"	2N	PG21	4P
M32	3I	1"	3N	PG29	5P
M40	4I	1.1/4"	4N	PG36	6P
M50	5I	1.1/2"	5N	PG42	7P
M63	6I	2"	6N	PG48	8P
M75	7I	2.1/2"	7N	-	-
M90	8I	3"	8N	-	-
M100	9I	3.1/2"	9N	-	-

Material Reference		
Item	Materials	Code
1	Aluminum	A
2	Brass (Nickel Plated Brass)	B
3	Galvanized Steel (FE-36)	G
4	AISI 316L Stainless Steel	S

Ref. Code	Entry Thread (ISO Metric)	Cable Tech. Details	
		Outer Sheath	
		Min.	Max.
GL-1SI	M20x1.5	3	8
GL-1OI	M20x1.5	7.5	11.5
GL-1AI	M20x1.5	11	13.5
GL-2I	M25x1.5	13	19.5
GL-3I	M32x1.5	19	26
GL-4I	M40x1.5	25	32
GL-5I	M50x1.5	31.5	43
GL-6I	M63x1.5	42	55
GL-7I	M75x1.5	54.5	68
GL-8I	M90x1.5	67	77
GL-9I	M100x1.5	75	90

Ordering Code



Example: GL-1SIB GL-1NB