

ALG Cable Glands For Armored cable


Bosston

A QUALITY PRODUCT

EXPLOSIONPROOF



For UL.60079-1 Standard Class I Div. 1,2 Groups C,D

Class II Div.1 and 2 Groups E,F and G

For IEC.60079-0/1 Standard Zone 1 and Zone 2



ISO9001:2008

Technical data

Type of Protection: Ex d IIA T6

Conforming to : Standards IEC 60079-1 or UL 60079-1

Marking for test : Ex II2G

Degree of Protection : IP66 acc.To IEC 60529

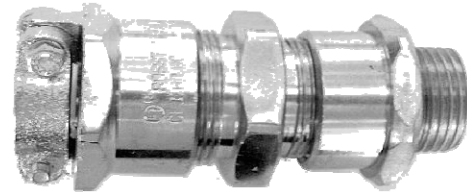
Ambient Temp. (Ta) : -20°C to+ 75°C

Type :ALG

 Protection class for UL. : Class I, Division 1,2 Groups C,D
 Class II, Division 1, 2 Groups.E,F,G
 Class III

Protection class for IEC : Zone1and Zone 2

Conduit hub - 1/2" - 3.1/2" NPT. / Cable O.D. - 9 to 80 mm.


ALG

Applications:

ALG cable fitting for use with armored, metal clad, jacketed cable type MC, MV and AC which are installed in hazardous or non-hazardous locations to secure and seal cable entrance into enclosures, junction boxes panelboards etc. provide grounding continuity for cable. provide oil and water resistant.

Standard Materials:

Body, gland nut with cable clamp	-	Bronze
Slip ring	-	Stainless steel
Bushing	-	Neoprene
Bolt	-	Stainless steel
Armor grip	-	Split lead

Standard Finishes:

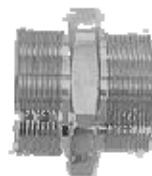
Bronze	-	Chromium plated
Stainless	-	Natural

Features:

- Easily assembled, may be installed in either horizontal or vertical position.
- Bronze construction is finished with chromium plate for corrosion resistant.
- Cable clamp provides a non-slip termination.
- Armor grip provides positive grounding continuity and superior pull-out resistant.
- Neoprene bushing provides oil and water resistant seal.
- Slip ring prevents the bushing twisted during assembly.


 Gland nut
with Cable clamp


Slip ring


 Neoprene
bushing

 Intermediate
body

 Armor
grip

 Body
(NPT, Male thread)

★ May be used in hazardous locations only with specific cords or cables and installed in accordance with NEC requirements

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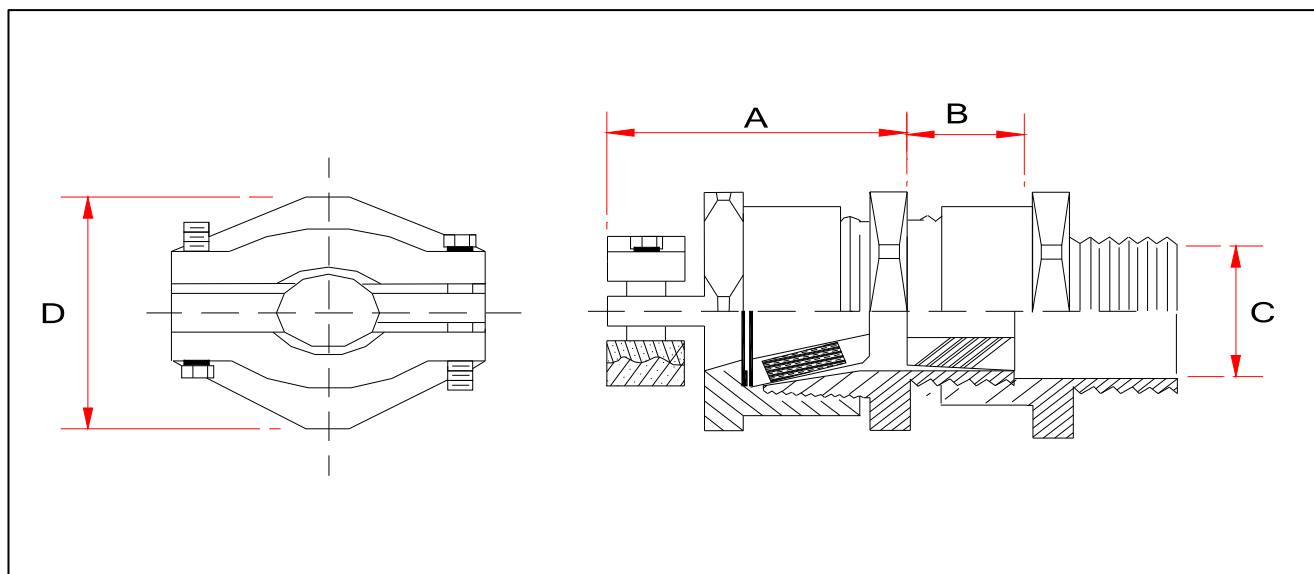
EXPLOSIONPROOF



For UL.60079-1 Standard Class I Div. 1,2 Groups C,D

ClassII Div.1 and 2 Groups E,F and G

Catalogue Numbers and Dimensions: in mm. For IEC.60079-0/1 Standard Zone 1 and Zone 2



Cable Jacket	Armor	Cat.,No.	Male Thread	Dimensions in mm.			
Outer Diameter	Outer Diameter		NPT Size	A	B	C	D
(mm.)	(mm.)		(inch)				
9 - 14	5.5 - 10.5	ALG 114	1/2"	45	16	14	37
15 - 19	11.5 - 15.5	ALG 219	3/4"	49	21	19	35
20 - 22	16.4 - 18.4	ALG 322	1"	58	20	26	35
23 - 24	19.4 - 20.4	ALG 324	1"	58	20	26	35
25 - 27	21.4 - 23.4	ALG 427	1.1/4"	66	19	34	61
28 - 30	24.3 - 26.1	ALG 430	1.1/4"	66	19	34	61
31 - 36	27.0 - 31.8	ALG 536	1.1/2"	70	19	39	69
37 - 40	32.7 - 35.4	ALG 540	1.1/2"	70	19	39	69
41 - 48	36.4 - 43.0	ALG 648	2"	76	19	49	80
49 - 54	44.0 - 48.6	ALG 754	2.1/2"	77	30	59	89
55 - 58	49.5 - 52.2	ALG 758	2.1/2"	77	30	59	89
59 - 64	53.0 - 58.0	ALG 864	3"	77	30	71	105
65 - 70	59.0 - 63.5	ALG 870	3"	77	30	71	105
71 - 76	64.4 - 68.2	ALG 976	3.1/2"	80	30	81	117
77 - 80	69.8 - 72.6	ALG 980	3.1/2"	80	30	81	117