

The ultimate workplace solutions by design....



Kunal Connectronics

Brand known for **innovation, quality and service.**



CABLE GLANDS



KUNAL CONNECTRONICS is a manufacturing firm that is big enough to serve major multinational customers with very cost-competitive products, but small enough to be flexible and innovative to serve the customized requirements of every customer.

PG SERIES / METRIC SERIES

We offer a wide range of brass cable glands & matching accessories :

**PG SERIES ■ METRIC SERIES ■ A1/A2 SERIES ■ CW SERIES
E1W SERIES ■ BW SERIES ■ ACCESSORIES**

Size	Clamping Range		Connecting Thread Length
	≥	≤	
PG 7	3	6.5	6.0
PG 9	4	8	6.0
PG 11	5	10	6.0
PG 13.5	6	12	6.5
PG 16	10	14	6.5
PG 21	13	18	7.0
PG 29	18	25	8.0
PG 36	22	32	10.0
PG 42	30	38	12.0
PG 48	34	44	14.0

All data in mm

Size	Clamping Range		Connecting Thread Length
	≥	≤	
M 12 x 1.5	3	6.5	6.0
M 16 x 1.5	4	8	7.0
M 20 x 1.5	6	12	8.0
M 25 x 1.5	10	14	8.0
M 32 x 1.5	13	18	9.0
M 40 x 1.5	18	25	9.0
M 50 x 1.5	22	32	9.0
M 63 x 1.5	34	44	14.0
M 63 x 1.5	37	53	10.0
M 16 x 1.5	4.5	10	7.0
M 25 x 1.5	11	17	8.0
M 32 x 1.5	15	21	8.0
M 40 x 1.5	19	28	9.0
M 50 x 1.5	27	38	9.0

All data in mm



web : www.kunalconnectronics.com



A1 / A2 CABLE GLAND

Size	16 MM to 100 MM S & L
Standard	ISO 9001 ROHS
Application	Outdoor Or Indoor For Use With All Types Of Unarmoured Cable
Function	Provide Seal On Outer Sheath Of The Unarmoured Cable
Material	Brass
Optional Threads	METRIC, NPT, BSP, PG Or As Specified
Finish	Brass Finish, Nickel Finish, Chrome Finish Or As Specified
Operating Temp.	Standard Seals -20° C To +80° C
Accessories	Matching Accessories Available Like PVC Shrouds, Lock Nuts, Earth Tags, Reducers, Adaptors, Etc. As Per The Requirement.

Size	Cable Dimensions Accommodate	
	Overall Diameter	
	Min. mm	Max. mm
10	4.5	8.5
20 S	8	11.5
20	11	14
25 S	14	17.5
25	17.5	20.4
32	20	26
40 S	26	30
40	30	33
50 S	33	38
50	38	44
63 S	44	50.5
63	50	56
75 S	56.5	62
75	62	68
90	68	78
100	78	88

All data in mm



CW TYPE CABLE GLAND

Size	20 MM to 90 MM S & L
Standard	ISO 9001 ROHS
Application	For Indoor Or Outdoor Use With All Types Of SWA Cable
Function	Provide For Environmental Seal In The Cable Outer Sheath. Also, Provide Mechanical Cable Retention & Electrical Continuity
Material	Brass
Optional Threads	METRIC, NPT, BSP, PG Or As Specified
Finish	Brass Finish, Nickel Finish, Chrome Finish Or As Specified
Operating Temp.	Standard Seals -20° C To +80° C
Accessories	Matching Accessories Available Like PVC Shrouds, Lock Nuts, Earth Tags, Reducers, Adaptors, Etc. As Per The Requirement.

Gland Size	Thread Size	Cable Dimension		
	Metric	Min. mm	Max. mm	Armoured Wire Diameter
CW-20 S	20	11.8	17.8	0.9 - 1.25
CW-20 L	20	14	20.8	0.9 - 1.25
CW-25 S	25	18	24	1.2 - 1.60
CW-25 L	25	20.3	27.4	1.2 - 1.60
CW-32 S	32	24.5	31	1.60 - 2.00
CW-32 L	32	26.5	34.2	1.60 - 2.00
CW-40 S	40	30.4	38.5	1.60 - 2.00
CW-40 L	40	33.2	41	1.60 - 2.00
CW-50 S	50	40	47	2.00 - 2.50
CW-50 L	50	44	53.5	2.00 - 2.50
CW-63 S	63	50	59	2.50
CW-63 L	63	56	66	2.50
CW-75 S	75	62	72	2.50
CW-75 L	75	69	79	2.50
CW-90 S	90	76	86	2.50 - 3.15
CW-90 L	90	79	90	2.50 - 3.15

All data in mm



E 1W CABLE GLAND

Size	16 MM to 90 MM S & L
Standard	ISO 9001 ROHS
Application	For Indoor Or Outdoor Use With All Types Of SWA Cable
Function	Provide For Environmental Seal In The Cable Outer Sheath. Also, Provide Mechanical Cable Retention & Electrical Continuity
Material	Brass
Optional Threads	METRIC, NPT, BSP, PG Or As Specified
Finish	Brass Finish, Nickel Finish, Chrome Finish Or As Specified
Operating Temp.	Standard Seals -20° C To +80° C
Accessories	Matching Accessories Available Like PVC Shrouds, Lock Nuts, Earth Tags, Reducers, Adaptors, Etc. As Per The Requirement.

TECHNICAL SPECIFICATION	
Size	Cable Dimension
	Armour Wire Diameter
16	0.90
20 S	0.90 / 1.25
20 L	0.90 / 1.25
25 S	1.25 / 1.60
25 L	1.25 / 1.60
32 L	1.60 / 2.00
40 S	1.60 / 2.00
40 L	1.60 / 2.00
50 S	2.00 / 2.50
50 L	2.00 / 2.50
63 S	2.00 / 2.50
63 L	2.00 / 2.50
75 S	2.50 / 3.20
75 L	2.50 / 3.20
88/90	2.50 / 3.20

All data in mm



BW CABLE GLAND

Size	20 MM to 90 MM S & L
Standard	ISO 9001 ROHS
Application	Dry Indoor, For Use With All Types Of SWA Cable
Function	Provide Mechanical Cable Retention & Electrical Wire Continuity Via Armoured Wire.
Material	Brass
Optional Threads	METRIC, NPT, BSP, PG Or As Specified
Finish	Brass Finish, Nickel Finish, Chrome Finish Or As Specified
Operating Temp.	Standard Seals -20° C To +80° C
Accessories	Matching Accessories Available Like PVC Shrouds, Lock Nuts, Earth Tags, Reducers, Adaptors, Etc. As Per The Requirement.

Size	Thread Size	Cable Range	
	m.m	Min.	Max.
BW 20 S	20	13	15.5
BW 20 L	20	14	18.5
BW 25 L	25	20.5	26
BW 32 L	32	27	33.9
BW 40 L	40	33	41.5
BW 50 S	50	38.5	47
BW 50 L	50	44	52
BW 63 S	63	51	59.2
BW 63 L	63	56.5	65.5
BW 75 S	75	63	74
BW 75 L	75	68.5	79.5
BW 90 L	90	80.5	91

ACCESSORIES

We offer a wide range of accessories for efficient functioning of the cable glands like Brass Lock Nuts, Earth Tag, Reducers, Adaptors and Stop Plugs, High Quality Washers, Seals and O Rings etc. as per the requirement.

BRASS LOCKNUTS (PG / METRIC / NPT)



Application : Brass	Brass Locknuts re traditional components used in fastening glands to the gland plate & as they are identical material to the gland, corrosion effects are minimal.
Function : Standard	With ISO metric thread. To secure only brass cable glands to a gland plate
EMC	With ISO metric thread with cutting edges to cut through paint layers or powder coatings, for optimum contact.
Material	Brass /Steel/Galvanized Aluminium Alloy
Thread	PG/ NPT /BSP/ BSPT
Plating	Chrome / Nickel / Tin

BRASS EARTH TAGS



Application	Installed between the gland entry & equipment, provides an earth bond connection
Function	Produces an earth bond connection for electrical continuity
Material	Brass
Type	With Brass Screws & Washers, Plain Hole
Plating	Nickel (NP) Chrome (CP) Zinc (ZP) Tin (TP)
Shape	Available in many shapes & thickness in all sizes, can be coated or plated to customers specification as mentioned.

REDUCERS & STOP PLUGS



Application	Reducer allows a PG threaded gland to be terminated in enclosures with different entry thread form (ET NPT BSP BSPT)
Function	Reduce the entry thread diameter of enclosures
Material	Brass
Finish	Nickel Plated
Thread	Metric (ISO)/ NPT /BSP /BSPT
Plating	Chrome (CP) Zinc (ZP) Tin (TP)
Material	Brass /Aluminium Alloy /Galvanized Steel
Application	Stop Plug may be used to close thread entries or means of sealing & stopping unused thread entries in flame proof enclosures
Options Thread	PG /NPT /BSP/ BSPT

PVC SHROUDS



Application	Push on shrouds which are used to minimize the risk of dirt or foreign substances gathering on the Cable Gland Body, and/or point of cable to a gland interface.
Function	For all types of gland applications to provide additional protection & enhances the IP rating of the gland termination.
Material	PVC DIP moulded (Black)
Operating Temp	PVC DIP moulded -20° C to +100° C Injection moulded -20° C to +80° C

SEALS & 'O' RINGS



Application	To maintain the IP rating between equipment & cable glands it may be necessary to fit an entry thread sealing washer at the gland entry interface.
Material	Rubber
Options Material	PVC (Black) Silicon (Orange) Polyamide or Nylon (White) Red Fibre.
Seals available for both external of & internal use.	

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