

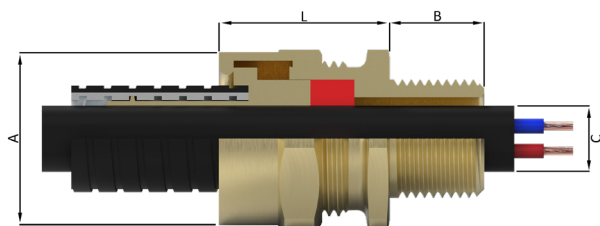
PRODUCT TYPE A8RC

Single Compression Gland for Armoured and Unarmoured Flat Cable, featuring a Rotating Flexible Metallic Conduit Connector

Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68

PART NUMBERS:

A	8	RC	B	F
			S	



PRODUCT DESCRIPTION

"A8RC" type glands are certified Flameproof Ex db, Increased Safety Ex eb, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIIA, IIIB and IIIC. Developed for flat cables, they provide controlled Ex db sealing and have been tested to IP66 and IP68 to 50 metres. The "A8RC" version is designed to accommodate unarmoured and armoured cables where sealing and retention is required only on the outer sheath. The gland features a rotating flexible metallic conduit connection.

COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31
IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529

EXAMPLE PART NUMBERING:
A8RCBF/NP/20-1/M20

A	Gland designed for use with Unarmoured Cables
8	Silicone Seal for Flat Cable
RC	Rotating Metallic Flexible Conduit Connector
B	Brass (B) / Stainless Steel (S)
F	Multiple Certification
K-V-H	Locknut & Nylon (K), Fibre (V) or PTFE (H) IP Washer
T	Including Earth Tag
S	Including Serrated Washer
1	Quantity per kit
NP	Nickel Plated
20-1	Gland shell size
M20	M20 x 1.5 Male Entry Thread

OPTIONAL ACCESSORIES:

LOCKNUT	Brass (ACBLN) / Stainless Steel (ACSLN)
EARTH TAG	Brass (ACBET) / Stainless Steel (ACSET)
IP WASHERS	Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
SERRATED WASHERS	Stainless Steel (ACSSW)
IP RATING:	IP66 & IP68 (50 metres - 7 Days)
OPERATING TEMP:	Silicone Seals -60°C to +180°C
MATERIALS:	Brass or Stainless Steel
PLATING:	Electroless Nickel

CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size		ISO Thread Length [B]	Cable Outer Sheath [D]				Typical Conduit Dia		Nominal Protrusion Length [L]	Dimensions/Weight (Metric)		
	Metric	NPT		Width		Thickness		I/D	Max O/D		Across Flats [A]	Across Corners	Weight (Kgs)
20S-1	M20 x 1.5	½" or ¾"	16	6.3	11.2	4.0	7.0	13.0	17.1	31	30.0	33.0	0.117
20S-2	M20 x 1.5	½" or ¾"	16	6.3	11.7	4.0	7.0	15.0	19.3	31	30.0	33.0	0.125
20S-3	M20 x 1.5	½" or ¾"	16	6.3	11.7	4.0	7.0	16.9	21.5	31	30.0	33.0	0.117
20-1	M20 x 1.5	½" or ¾"	16	10.3	11.2	5.6	9.0	13.0	17.1	31	30.0	33.0	0.117
20-2	M20 x 1.5	½" or ¾"	16	10.3	13.5	5.6	9.0	15.0	19.3	31	30.0	33.0	0.125
20-3	M20 x 1.5	½" or ¾"	16	10.3	13.5	5.6	9.0	16.9	21.5	31	30.0	33.0	0.117
20R-1	M20 x 1.5	½" or ¾"	16	8.1	11.2	5.8	6.2	13.0	17.1	32	30.0	33.0	0.118
20R-2	M20 x 1.5	½" or ¾"	16	8.1	13.5	5.8	6.2	15.0	19.3	32	30.0	33.0	0.126
20R-3	M20 x 1.5	½" or ¾"	16	8.1	13.5	5.8	6.2	16.9	21.5	32	30.0	33.0	0.118
25-1*	M25 x 1.5	¾" or 1"	16	10.6	16.2	4.0	7.0	16.9	23.8	31	37.6	41.4	0.164
25-2*	M25 x 1.5	¾" or 1"	16	10.6	16.2	4.0	7.0	18.7	24.8	31	37.6	41.4	0.175
25-3*	M25 x 1.5	¾" or 1"	16	10.6	16.2	4.0	7.0	21.1	26.8	31	37.6	41.4	0.178
25-4*	M25 x 1.5	¾" or 1"	16	10.6	16.2	4.0	7.0	20.7	27.8	31	37.6	41.4	0.185

NOTES

- Gland size does not necessarily equate to the entry thread size.
- Dimensions (A) & (B) may differ for glands with non metric entry threads. Please refer to our "Thread Reference Tables" for specific dimensions.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supply products with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. We usually incorporate a thread run out according to general machining techniques and parts will not have a full form thread for the entire length.

Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.

- When selecting IP Washer & Shroud material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- It is the installer's responsibility to ensure that the conduit is secured correctly.
- If fit testing is required for specific conduit please contact Peppers.
- Where approval in addition to ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.
- * Size 25 is not covered for CCoE and RS applications.