

A2RC

A2RC INDUSTRIAL CABLE GLAND WITH CONDUIT CONNECTION FACILITY

FOR ALL TYPES OF UNARMoured CABLES

- Designed for rigid and flexible conduits
- Easy install running coupler design
- Displacement type seal
- 60°C to +130°C



TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Type B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
INGRESS PROTECTION RATING**	IP66
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
CABLE TYPE	Unarmoured
SEAL MATERIAL	CMP Thermoset Rubber
SEALING TECHNIQUE	CMP Displacement Seal
SEALING AREA(S)	Cable Outer Sheath

* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information. Alternative conduit sizes available upon request.

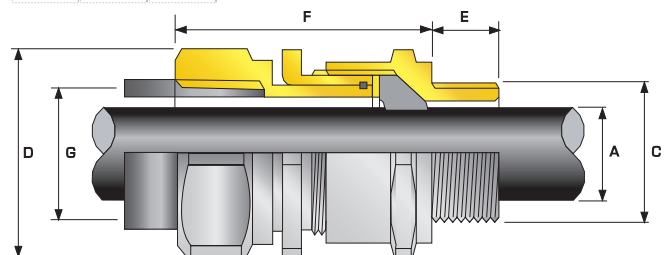
See 'thread option ordering examples' table below for typical NPT and Metric thread ordering references

THREAD OPTION ORDERING EXAMPLES		
ORDERING REFERENCE	MALE THREAD	FEMALE THREAD
20A2RC1RA	M20	M20
20A2RC1RA031	M20	½" NPT
20A2RC1RA03131	½" NPT	½" NPT
20A2RC1RA03102†	½" NPT	M20

Refer to 'How to order' page for complete list of ordering codes.

† For Metric female threads please insert '0' before thread size code e.g. 32A2RC1RA53405 (1 ¼" NPT Male x M40 Female)

GLOBAL PRODUCT CERTIFICATION	
GOST R CERTIFICATE	04VJH0101.GB.C02492
MARINE APPROVALS	LRS: LR22320255TA



COMBINED ORDERING REFERENCE ("BRASS METRIC MALE & FEMALE")			AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)					CABLE BEDDING DIAMETER 'A'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	FEMALE CONDUIT CONNECTION (METRIC) 'G'	OPTION FEMALE CONDUIT CONNECTION (NPT) 'G'	PROTRUSION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
			STANDARD			OPTION										
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	NPT	MIN	MAX	MAX	MAX	MAX	MAX	MAX	MAX	MAX
20S16	A2RC	1RA	M20	10.0	½"	19.9	¾"	3.2	8.7	24.0	26.4	M20	½"	46.9	PVC04	0.100
20S	A2RC	1RA	M20	10.0	½"	19.9	¾"	6.1	11.7	24.0	26.4	M20	½"	46.1	PVC04	0.100
20	A2RC	1RA	M20	10.0	½"	19.9	¾"	6.5	14.0	27.0	29.7	M20	½"	47.9	PVC05	0.100
25	A2RC	1RA	M25	10.0	¾"	20.2	1"	11.1	20.0	36.0	39.6	M25	¾"	56.1	PVC09	0.190
32	A2RC	1RA	M32	10.0	1"	25.0	1 ¼"	17.0	26.3	41.0	45.1	M32	1"	55.5	PVC10	0.230
40	A2RC	1RA	M40	15.0	1 ¼"	25.6	1 ½"	23.5	32.2	50.0	55.0	M40	1 ¼"	57.7	PVC13	0.330
50S	A2RC	1RA	M50	15.0	1 ½"	26.1	2"	31.0	38.2	55.0	60.5	M50	1 ½"	59.1	PVC15	0.430
50	A2RC	1RA	M50	15.0	2"	26.9	2 ½"	35.6	44.0	60.0	66.0	M50	2"	64.3	PVC18	0.440
63S	A2RC	1RA	M63	15.0	2"	26.9	2 ½"	41.5	49.9	70.5	77.6	M63	2"	61.6	PVC21	0.720
63	A2RC	1RA	M63	15.0	2 ½"	39.9	3"	47.2	55.9	75.0	82.5	M63	2 ½"	71.0	PVC23	0.640
75S	A2RC	1RA	M75	15.0	2 ½"	39.9	3"	54.0	61.9	84.0	92.4	M75	2 ½"	70.1	PVC24	0.900
75	A2RC	1RA	M75	15.0	3"	41.5	3 ½"	61.1	67.9	84.0	92.4	M75	3"	73.2	PVC26	0.800
90	A2RC	1RA	M90	24.0	3 ½"	42.8	4"	66.6	79.9	108.0	118.8	M90	3 ½"	106.3	PVC31	2.200

*For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'

For NPT male and / or female options please add the following digits to the material suffix (See Thread Options table above): ½" = 31, ¾" = 32, 1" = 33, 1 ¼" = 34, 1 ½" = 35, 2" = 36, 2 ½" = 37, 3" = 38, 3 ½" = 39, 4" = 310 (Brass requires prefix "0")

When NPT male & Metric female product option is required, please add the following digits to the material and NPT male suffix (See Thread Options table above);

M20 = 01, M25 = 02, M32 = 03, M40 = 04, M50 = 05, M63 = 06, M75 = 07, M90 = 08 (Brass requires prefix "0")

Examples: 32A2RC1RA533 = Nickel Plated Brass M32 male x 1" NPT female, 20S16A2RC1RA031 = Brass M20 male x ½" NPT female, 25A2RC1RA43203 = Stainless Steel ¾" NPT male x M25 female, 220A2RC1RA5 = Nickel Plated Brass M20 M20 male & female

Dimensions are displayed in millimetres unless otherwise stated