



PXSS2KHCREX

- Ex e
- Ex d
- Ex nR
- Ex ta

PXSS2KHCREX Globally Approved, Explosive Atmosphere RapidEx Barrier Cable Gland

For all types of Unarmoured & Braid cables housed in Flexible Hose

- RapidEx liquid pour sealing system
 - Enhances reliability, reduces risk
 - Reduces man hours
 - Reduces cost
- Direct & remote installation
- Superior levels of cable retention
- Displacement type environmental seal
- Deluge protected
- 60°C to +85°C
- Globally marked, IECEx, ATEX & cCSAus



Epoxy compound version also available

Available for Group I & II use

TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Cable Anchorage = Class B
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ATEX Certificate	SIRA13ATEX1072X, SIRA13ATEX4078X
Code of Protection	II 2G, II 1D, Ex d IIC Gb, Ex e IIC Gb, Ex ta IIIC Da II 3G Ex nR IIC Gc, IM2 Ex d I Mb, Ex e I Mb
Compliance Standards	EN 60079-0,1,7,15,31
IECEx Certificate	IECEx SIR 13.0027X, IECEx SIM 14.0008X
Code of Protection	Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex d I Mb, Ex e I Mb
Compliance Standards	IEC 60079-0,1,7,15,31
EAC Certificate	TC RU C-GB.AA87.B.00487
CCOE / PESO (India) Certificate	P333688
NEPSI Certificate	GYJ18.1252X
INMETRO Approval	TÜV 12.2073X
RETIE Approval Number	03866
Marine Approvals	LRS: 01/00172 ABS: 01LD234401A/3-PDA
Ingress Protection Rating**	IP66, IP67 & IP68***
Deluge Protection Compliance	DTS01 : 91
Cable Gland Material	Electroless Nickel Plated Brass, Brass, Stainless Steel, Aluminium
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer / RapidEx Barrier Compound
Cable Type	Unarmoured
Armour Clamping	Detachable Resin Tube / Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
Sealing Area(s)	RapidEx Resin Barrier & Cable Outer Sheath

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444
 ** When CMP installation accessories are used. Refer to page 7 or www.cmp-products.com for further information.
 *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request

Cable Gland Selection Table

Refer to illustration at the top of the page.

Dimensions listed below are for metric cable glands only
 Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Minimum Entry Thread (Metric) "C"	Minimum Thread Length "E"	Diameter Over Conductors "A"	Max Number Of Cores	Overall Cable Diameter "B"		Nominal Hose Bore Ø "H"	Across Flats "D"	Across Corners "D"	Nominal * Protusion Length Without Hose Connection "F"	Hose Connection Length "G"	Overall Length "E" + "F" + "G" *	Combined Ordering Reference (**Brass Metric)			Shroud	Cable Gland Weight (Kgs)
					Min	Max		Max	Max				Size	Type	Ordering Suffix		
20S16	M20	15.0	8.6	11	3.1	8.6	13.0	30.0	33.0	51.1	16.0	82.5	20S16	PXSS2KREXHC13	1RA	PVC06	0.220
20S16	M20	15.0	8.6	11	3.1	8.6	16.0	30.0	33.0	51.1	16.0	82.5	20S16	PXSS2KREXHC16	1RA	PVC06	0.220
20S	M20	15.0	11.7	11	6.1	11.7	16.0	30.0	33.0	49.3	16.0	82.5	20S	PXSS2KREXHC16	1RA	PVC06	0.220
20	M20	15.0	12.6	11	6.5	14.0	19.0	30.0	33.0	50.0	20.0	86.9	20	PXSS2KREXHC19	1RA	PVC06	0.220
25	M25	15.0	17.5	21	11.1	20.0	25.0	36.0	39.6	55.3	27.0	98.8	25	PXSS2KREXHC25	1RA	PVC09	0.360
32	M32	15.0	23.6	38	17.0	26.3	32.0	41.0	45.1	55.6	33.0	105.2	32	PXSS2KREXHC32	1RA	PVC10	0.450
40	M40	15.0	30.0	59	22.0	32.1	38.0	50.0	55.0	56.3	41.0	114.1	40	PXSS2KREXHC38	1RA	PVC13	0.650
50S	M50	15.0	36.6	89	29.5	38.2	51.0	60.0	66.0	57.3	54.0	128.5	50S	PXSS2KREXHC51	1RA	PVC18	1.070
50	M50	15.0	41.0	89	35.6	44.0	51.0	60.0	66.0	62.2	54.0	132.1	50	PXSS2KREXHC51	1RA	PVC18	0.950
63S	M63	15.0	47.9	115	40.1	49.9	63.0	70.1	77.1	63.0	70.0	150.1	63S	PXSS2KREXHC63	1RA	PVC21	1.730
63	M63	15.0	53.7	115	47.2	55.9	63.0	75.0	82.5	65.0	70.0	152.6	63	PXSS2KREXHC63	1RA	PVC23	1.430
75S	M75	15.0	59.9	140	52.8	61.9	76.0	80.4	88.4	65.6	91.5	174.6	75S	PXSS2KREXHC76	1RA	PVC26	2.500
75	M75	15.0	64.3	140	59.1	67.9	76.0	85.0	93.5	63.7	91.5	177.4	75	PXSS2KREXHC76	1RA	PVC27	1.960

*The protusion and overall lengths stated will vary after installation, depending upon the overall cable diameter.
 **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'
 Examples: 50SPXSS2KREXHC511RA5 = Nickel Plated Brass 50mm, 25PXSS2KREXHC251RA4 = Stainless Steel M25

Dimensions are displayed in millimetres unless otherwise stated