



A2EXP Ex d IIC / Ex e II KM495 Series





The A2EX is a cable gland that provides high performance in high temperatures in deluge and IP68

Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular unarmoured cables with extruded oversheath
- Fitted with silicone rubber low smoke, zero halogen seal
- Achieves IP66, IP68 (1 bar) and deluge proof (DTS01:1991) seal onto cable and to enclosure with suitable sealing washer or thread sealant
- Suitable for most climatic conditions weatherproof, waterproof and deluge proof
- Standard and Nickel plated versions available
- Full Installation Instructions supplied

Kit comprises: A2EX Gland Brass Locknut Nylon Sealing Washer PVC Shroud (2 per kit up to and including 25mm size)





Prysmian Group



Where the cable is effectively filled, may also be used in:

- Zones 1 & 2 with Ex d IIC equipment not containing a source of ignition & with a volume less than 2000 cm³
- Zones 1 & 2 with Ex d IIA & Ex d IIB equipment not containing a source of ignition & with any volume
- \bullet Zone 1 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with a volume less than 2000 $\rm cm^3$
- Zone 2 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with any volume
- Zone 2 with Ex nR II equipment

Technical Information:

May be used in: • Zones 0 1 & 2 with

- Zones 0, 1 & 2 with EX is IIA, B & C equipment
 Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex p II equipment
- Zones 21 & 22 with Ex tD II equipmen

Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC Atex Compliance Standards: EN 60079-0, EN 60079-1, EN 60079-7,

EN 61241-0, EN 61241-1 Certificate number Sira99ATEX1086X

IECEx Compliance Standards: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 61241-0, IEC 61241-1

Certificate number IECEx SIR 10.0069X

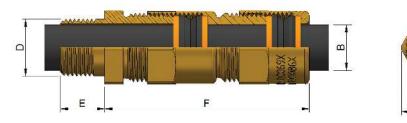
Service temperature range -50°C to +200°C

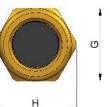
UL Classified in accordance with IEC 60079-0, 60079-1 and 60079-7 for use in hazardous locations

UL Listed for use in Class 1, Zone 0, 1 and 2 hazardous locations for Canada

Specifications

Gland Kit Reference			Cable Dimensions mm				Gland Dimensions mm			
Design Reference		Size	Qty per	Cable Diameter Ø (B) mm		Entry Thread	Thread Length	Protrusion Length	Hexagon	
Standard	Nickel Plated	Size	Kit	Min	Max	(D)	(E)	(F)	A/F (G)	A/C (H)
KM495-51	KM495-51V	16	2	3.5	8.5	M16×1.5	15	65	22	24.9
KM495-71	KM495-71V	20SS	2	3.5	8.5	M20×1.5	15	65	22	24.9
KM495-52	KM495-52V	20S	2	8.0	11.5	M20×1.5	15	62	22	24.9
KM495-53	KM495-53V	20	2	8.0	16.0	M20×1.5	15	81	25.7	28.7
KM495-55	KM495-55V	25	2	11.5	21.0	M25×1.5	15	85	33	36.9
KM495-56	KM495-56V	32	1	18.5	27.5	M32×1.5	15	69	37.5	42.2
KM495-57	KM495-57V	40	1	24.0	34.0	M40×1.5	15	82	47.2	53.6
KM495-59	KM495-59V	50	1	31.0	41.0	M50×1.5	15	79	56.4	61.5
KM495-61	KM495-61V	63	1	40.0	52.5	M63×1.5	15	113.5	70	77.2
KM495-62	KM495-62V	75S	1	52.5	58.0	M75×1.5	15	78.5	80	87.4
KM495-63	KM495-63V	75	1	54.5	65.5	M75×1.5	15	120	80	87.4







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IEC Ex