



# E1W-XL Ex d IIC / Ex e II Cable Gland Kit (KA474 Series)

UNIVERSAL GLAND SUITABLE FOR USE WITH STEEL WIRE ARMOUR, BRAID WIRE ARMoured AND LEAD SHEATHED CABLES

HAZARDOUS GLANDS

## Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular, galvanized steel wire armour cables with extruded polymeric bedding and oversheath
- Suitable for circular, Braid wire armour cables with extruded polymeric bedding and oversheath
- Achieves IP67 and deluge proof (DTS01:1991) seal onto cable and to enclosure with sealing washer supplied or thread sealant
- Three part armour lock provides mechanical cable retention and electrical continuity
- Continuity Connection for Lead Inner sheathed cables
- Inner PCP seal grips cable bedding and provides additional ingress protection
- Suitable for most climatic conditions - weatherproof and waterproof
- Standard and Nickel plated versions available
- Full Installation Instructions supplied

## Technical Information:

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 Sira 02ATEX3093X

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

Certificate number IECEX SIR 10.0070X

Service temperature range -60°C to +90°C

### May be used in:

- Zones 0, 1 & 2 with Ex ia IIA, B & C equipment
- Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex e II equipment
- Zones 2 with Ex nA II equipment
- Zone 21 & 22 with Ex tD A21

### 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 2000cm<sup>3</sup>
- Zones 1 & 2 with Ex d IIA & Ex d IIB equipment not containing a source of ignition & with any volume
- Zone 1 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with a volume less than 2000cm<sup>3</sup>
- 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

### Kit comprises:

- E1W-XL Gland
- Brass Earth Tag
- Brass Locknut
- Nylon Sealing Washer
- PVC Shroud
- (2 per kit up to and including 25mm size)



## Specifications

Gland Kit Reference				Cable Dimensions mm							Gland Dimensions mm					
Design Reference		Size	Qty per kit	Under Armour Ø (A)		Overall Ø (B)		Armour Wire Ø	Braid Armour Wire Ø	Lead Sheath Ø		Entry Thread (D)	Thread Length (E)	Protrusion Length (F)	Hexagon	
Standard	Nickel Plated			Min	Max	Min	Max			Min	Max				A/F (G)	A/C (H)
KA474-71	KA474-71V	20SS	2	3.8	8.7	8.0	13.2	0.9	0.2/0.3	3.0	8.0	M20 x 1.5	15	41	23.4	26.7
KA474-52	KA474-52V	20S	2	8.0	11.8	8.0	15.8	0.9/1.25	0.2/0.3	4.0	12.0	M20 x 1.5	15	43	25.7	29.2
KA474-53	KA474-53V	20	2	11.8	14.2	11.7	20.8	0.9/1.25	0.2/0.3	7.0	14.0	M20 x 1.5	15	43	30.5	34.0
KA474-55	KA474-55V	25	2	14.0	20.1	17.0	27.2	1.25/1.6	0.2/0.45	10.0	20.0	M25 x 1.5	15	48	37.6	42.2
KA474-56	KA474-56V	32	1	19.7	26.6	23.5	33.5	1.6/2.0	0.3/0.45	15.0	26.0	M32 x 1.5	15	53	47.2	53.6
KA474-57	KA474-57V	40	1	26.6	32.4	29.0	39.9	1.6/2.0	0.3/0.45	20.0	32.0	M40 x 1.5	15	56	56.4	61.5
KA474-58	KA474-58V	50S	1	32.4	38.4	38.0	46.2	2.0/2.5	0.3/0.45	24.0	38.0	M50 x 1.5	15	61	60.0	66.0
KA474-59	KA474-59V	50	1	38.4	44.3	39.5	52.6	2.0/2.5	0.3/0.45	29.0	44.0	M50 x 1.5	15	61	70.1	77.2
KA474-60	KA474-60V	63S	1	44.3	50.3	50.0	58.9	2.5	0.3/0.45	34.0	50.0	M63 x 1.5	15	64	75.0	83.0
KA474-61	KA474-61V	63	1	50.3	56.2	51.3	65.3	2.5	0.3/0.45	42.0	56.0	M63 x 1.5	15	64	80.0	87.4
KA474-62	KA474-62V	75S	1	56.2	62.2	62.0	71.6	2.5	0.3/0.45	49.0	62.0	M75 x 1.5	15	73	90.2	99.1
KA474-63	KA474-63V	75	1	62.2	68.1	62.5	78.0	2.5	0.3/0.45	55.0	68.0	M75 x 1.5	15	73	98.8	109.2
KA474-64	KA474-64V	85	1	68.0	74.0	68.0	88.0	3.2	0.3/0.45	63.0	72.0	M85 x 2	20	102	115.1	126.0

