

E1W-XL (NPT) Ex d IIC / Ex e II

474NP Series



The E1W-XL is a universal area cable gland which includes superior dual seals to achieve IP67 protection.

Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular, galvanised 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 seal onto cable and to enclosure with suitable sealing washer 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

May be used in:

- 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 2000cm³
- 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 2000cm³
- 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:

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

Specifications

Gland Reference			Cable Dimensions mm							Gland Dimensions mm					
Design Reference		Size	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)
474NP-03	474NP-03V	½" - 20SS	3.8	8.7	8.0	13.2	0.9	0.2/0.3	3.0	8.0	½" NPT	15.5	41	23.4	26.7
474NP-04	474NP-04V	½" - 20S	8.0	11.8	8.0	15.8	0.9/1.25	0.2/0.3	4.0	12.0	½" NPT	15.5	43	25.7	29.2
474NP-07	474NP-07V	¾" - 20S	8.0	11.8	8.0	15.8	0.9/1.25	0.2/0.3	4.0	12.0	¾" NPT	16.4	43	27.9	31.8
474NP-05	474NP-05V	½" - 20	11.8	14.2	11.7	20.8	0.9/1.25	0.2/0.3	7.0	14.0	½" NPT	15.5	43	30.5	34.0
474NP-08	474NP-08V	¾" - 20	11.8	14.2	11.7	20.8	0.9/1.25	0.2/0.3	7.0	14.0	¾" NPT	16.4	43	30.5	34.0
474NP-10	474NP-10V	¾" - 25	14.0	20.1	17.0	27.2	1.25/1.6	0.2/0.45	10.0	20.0	¾" NPT	16.4	48	37.6	42.2
474NP-14	474NP-14V	1" - 25	14.0	20.1	17.0	27.2	1.25/1.6	0.2/0.45	10.0	20.0	1" NPT	19.5	48	37.6	42.2
474NP-15	474NP-15V	1" - 32	19.7	26.6	23.5	33.5	1.6/2.0	0.3/0.45	15.0	26.0	1" NPT	19.5	53	47.2	53.6
474NP-20	474NP-20V	1¼" - 32	19.7	26.6	23.5	33.5	1.6/2.0	0.3/0.45	15.0	26.0	1¼" NPT	20.5	53	47.2	53.6
474NP-21	474NP-21V	1¼" - 40	26.6	32.4	29.0	39.9	1.6/2.0	0.3/0.45	20.0	32.0	1¼" NPT	20.5	56	56.4	61.5
474NP-27	474NP-27V	1½" - 40	26.6	32.4	29.0	39.9	1.6/2.0	0.3/0.45	20.0	32.0	1½" NPT	21	56	56.4	61.5
474NP-28	474NP-28V	1½" - 50S	32.4	38.4	38.0	46.2	2.0/2.5	0.3/0.45	24.0	38.0	1½" NPT	21	61	60.0	66.0
474NP-31	474NP-31V	2" - 50S	32.4	38.4	38.0	46.2	2.0/2.5	0.3/0.45	24.0	38.0	2" NPT	22	61	65.5	72.1
474NP-32	474NP-32V	2" - 50	38.4	44.3	39.5	52.6	2.0/2.5	0.3/0.45	29.0	44.0	2" NPT	22.0	61	70.1	77.2
474NP-33	474NP-33V	2" - 63S	44.3	50.3	50.0	58.9	2.5	0.3/0.45	34.0	50.0	2" NPT	22	64	75.0	83.0
474NP-38	474NP-38V	2½" - 63	50.3	56.2	51.3	65.3	2.5	0.3/0.45	42.0	56.0	2½" NPT	32.5	64	80.0	87.4
474NP-39	474NP-39V	2½" - 75S	56.2	62.2	62.0	71.6	2.5	0.3/0.45	49.0	62.0	2½" NPT	32.5	73	90.2	99.1
474NP-45	474NP-45V	3" - 75	62.2	68.1	62.5	78.0	2.5	0.3/0.45	55.0	68.0	3" NPT	33.5	73	98.8	109.2
474NP-47	474NP-47V	3" - 85	68.0	74.0	68.0	88.0	3.2	0.3/0.45	63.0	72.0	3" NPT	33.5	102	115.1	126.0

*NPT Threaded glands are supplied as glands only.

**Other NPT sizes available upon request.

