E1XF(NPT) Ex d IIC / Ex e II Cable Gland (473NP Series)

SUITABLE FOR USE WITH ALL BRAID WIRE ARMOURED CABLES

Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular, Braid wire armour cables with extruded polymeric bedding and oversheath
- Achieves IP66 seal onto cable and to enclosure with suitable sealing washer or thread sealant
- Three part armour lock provides mechanical cable retention and electrical continuity
- 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 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 equioment
- 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 02ATEX3092X

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

Certificate number IECEx SIR 10.0071X

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)		Braid Armour Wire Ø	Entry Thread (D)	Thread Length (E)	Protrusion Length (F)	Hexagon	
Standard	Nickel Plated		Min	Max	Min	Max					A/F (G)	A/C (H)
473NP-03	473NP-03V	½"- 16	3.8	8.7	8.0	13.2	0.2/0.3	½" NPT	15.5	41	23.4	26.7
473NP-04	473NP-04V	½"- 20S	8.0	11.8	8.0	15.8	0.2/0.3	½" NPT	15.5	43	25.7	29.2
473NP-07	473NP-07V	¾" - 20S	8.0	11.8	8.0	15.8	0.2/0.3	¾" NPT	16.4	43	27.9	31.8
473NP-05	473NP-05V	½"- 20	11.8	14.2	11.7	20.8	0.2/0.3	½" NPT	15.5	43	30.5	34.0
473NP-08	473NP-08V	¾" - 20	11.8	14.2	11.7	20.8	0.2/0.3	¾" NPT	16.4	43	30.5	34.0
473NP-10	473NP-10V	¾" - 25	14.0	20.1	17.0	27.2	0.2/0.3	¾" NPT	16.4	48	37.6	42.2
473NP-14	473NP-14V	1" - 25	14.0	20.1	17.0	27.2	0.2/0.3	1" NPT	19.5	48	37.6	42.2
473NP-15	473NP-15V	1" - 32	19.7	26.6	23.5	33.5	0.3/0.45	1" NPT	19.5	53	47.2	53.6
473NP-20	473NP-20V	1¼" - 32	19.7	26.6	23.5	33.5	0.3/0.45	1¼" NPT	20.5	53	47.2	53.6
473NP-21	473NP-21V	1¼" - 40	26.6	32.4	29.0	39.9	0.3/0.45	1¼" NPT	20.5	56	56.4	61.5
473NP-27	473NP-27V	1 ½"- 40	26.6	32.4	29.0	39.9	0.3/0.45	1½" NPT	21	56	56.4	61.5
473NP-28	473NP-28V	1 ½"- 50S	32.4	38.4	38.0	46.2	0.3/0.45	1½" NPT	21	61	60.0	66.0
473NP-32	473NP-32V	2" - 50	38.4	44.3	39.5	52.6	0.3/0.45	2" NPT	22	61	70.1	77.2
473NP-33	473NP-33V	2" - 63S	44.3	50.3	50.0	58.9	0.3/0.45	2" NPT	22	64	75.0	83.0
473NP-38	473NP-38V	2½" - 63	50.3	56.2	51.3	65.3	0.3/0.45	2½" NPT	32.5	64	80.0	87.4
473NP-44	473NP-44V	3"- 75S	56.2	62.2	62.0	71.6	0.3/0.45	3" NPT	32.5	73	90.2	99.1
473NP-45	473NP-45V	3"- 75	62.2	68.1	62.5	78.0	0.3/0.45	3" NPT	33.5	73	98.8	109.2

*NPT Threaded glands are supplied as glands only.

**Other NPT sizes available upon request.