



Barr-A Ex d IIC Cable Gland (424TA Series)

SUITABLE FOR USE WITH CIRCULAR UNARMoured CABLES

HAZARDOUS GLANDS

Features and benefits:

- Brass indoor and outdoor cable gland for use in Zone 1 and Zone 2 hazardous areas
- Suitable for circular unarmoured cables with extruded oversheath
- Achieves IP66 seal onto cable and to enclosure with suitable sealing washer or thread sealant
- Provides mechanical cable retention
- 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 d IIA, B & C equipment with any volume
- Zones 1 & 2 with Ex e II equipment
- Zones 1 & 2 with Ex p II equipment
- Zone 2 with Ex nA II equipment
- Zone 2 with Ex nR II equipment
- Zones 21 & 22 with Ext d A21

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 Sira04ATEX1080X

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

Certificate number IECEX SIR 10.0072X

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

Specifications

Gland Reference		Cable Dimensions mm						Gland Dimensions mm				
Design Reference		Size	Max. Dia. Over Conductors	Max. No. of Conductors	Overall Ø (B)		Entry Thread (D)	Thread Length (E)	Protrusion Length (F)	Hexagon		
Standard	Nickel Plated	Metric	NPT			Min	Max			A/F (G)	A/C (H)	
424TA-53	424TA-53V	20		11.0	30	8.9	15.7	M20 × 1.5	15	56	36	40
424TA-55	424TA-55V	25		16.0	42	13.0	19.3	M25 × 1.5	15	59	42.4	48
424TA-56	424TA-56V	32		22.1	60	17.0	25.4	M32 × 1.5	15	59	47.2	53.6
424TA-57	424TA-57V	40		28.2	100	24.1	30.0	M40 × 1.5	15	63	56.4	61.5
424TA-59	424TA-59V	50		37.1	200	29.0	41.9	M50 × 1.5	15	66	70.1	77.2
424TA-61	424TA-61V	63		48.4	400	40.9	52.8	M63 × 1.5	15	69	80	87.4
424TA-63	424TA-63V	75		58.6	400	49.8	59.9	M75 × 1.5	15	80	98.8	109.2
424TA-64	424TA-64V	85		65.8	400	58.9	73.9	M85 × 2	20	83	106.2	116.8
424TA-03	424TA-03V		½" - 20	11.0	30	8.9	15.7	½" NPT	21.9	56	36	40
424TA-05	424TA-05V		¾" - 25	16.0	42	13.0	19.3	¾" NPT	22.2	59	42.4	48
424TA-06	424TA-06V		1" - 32	22.1	60	17.0	25.4	1" NPT	27.5	59	47.2	53.6
424TA-07	424TA-07V		1¼" - 40	28.2	100	24.1	30.0	1¼" NPT	28.1	63	56.4	61.5
424TA-09	424TA-09V		2" - 50	37.1	200	29.0	41.9	2" NPT	29.4	66	70.1	77.2
424TA-11	424TA-11V		2½" - 63	48.4	400	40.9	52.8	2½" NPT	43.4	69	80	87.4
424TA-13	424TA-13V		3" - 75	58.6	400	49.8	59.9	3" NPT	45.0	80	98.8	109.2
424TA-14	424TA-14V		3" - 85	65.8	400	58.9	73.9	3" NPT	45.0	83	106.2	116.8

*Other NPT sizes available upon request.

