

Cable glands for hazardous areas

C5 Series - Ex d e armoured compound barrier flameproof cable gland

3



Features

- A compound barrier cable gland for use with SWA (Steel wired Armoured), AWB (Aluminium wired Braid) or AWA (Aluminium wired Armoured)
- Suitable for use in Zones 1, 2, 21, 22
- Flameproof Ex d and increased safety Ex e
- Available in brass, nickel plated brass and stainless steel 316
- Wide range of cable sizes

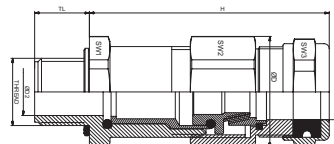
Certifications



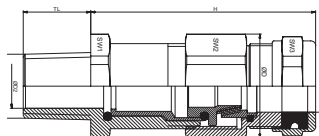
Standards

Approved to:	IEC EN60079-0, 60079-1, 60079-7, 60079-31
EC Type examination certificate to:	CESI 14 ATEX 032X, IECEx CES 14.0013X Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db
Safe operating temperature range:	-60°C to +100°C
IP test:	IP66

Dimensional diagrams



Metric Thread



NPT Thread

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C4 Series

Ex d e Armoured Compound Barrier Flameproof Cable Gland - Metric Thread / **Materials:** Brass, Nickel plated brass or Stainless steel 316

Part No.	Metric Thread Size	Cable Gland Dimensions (mm)								Cable Diameter Range Min-Max (mm)	Torque (Nm)	
		H	TL	øD	øD1	øD2	SW1	SW2	SW3		SW2	SW3
Nickel Plated Brass												
EXN04MC5	M20 x 1.5	70	16	33	16.5	14	30	30	29	8.5-16.0	30.0	28.0
EXN05MC5	M25 x 1.5	72.1	16	37	21.5	15.5	34	34	34	16.0-21.0	45.0	27.0
EXN06MC5	M32 x 1.5	76	16	45	26.5	25.6	42	42	40	16.0-26.0	65.0	32.0
EXN07MC5	M40 x 1.5	83.4	16	66	41.5	33	50	60	60	29.0-41.0	75.0	75.0
EXN08MC4	M50 x 1.5	96.6	16	77	48.5	43	60	70	75	33.0-48.0	90.0	75.0
EXN09MC4	M63 x 1.5	109.5	16	77	52.5	52	70	70	74	36.0-52.0	100.0	75.0

Ex d e Armoured Compound Barrier Flameproof Cable Gland - NPT Thread / **Materials:** Brass, Nickel plated brass or Stainless steel 316

Part No.	NPT Thread Size (inch)	Cable Gland Dimensions (mm)								Cable Diameter Range Min-Max (mm)	Torque (Nm)	
		H	TL	øD	øD1	øD2	SW1	SW2	SW3		SW2	SW3
Nickel Plated Brass												
EXN04AC5	1/2"	70	21	33	16.5	14	30	30	30	8.5-16.0	30.0	28.0
EXN05AC5	3/4"	72.1	21	37	21.5	15.5	34	34	34	16.0-21.0	45.0	27.0
EXN06AC5	1"	76	26	45	26.5	25.6	42	42	40	16.0-26.0	65.0	32.0
EXN07AC5	1 1/4"	83.4	28	66	41.5	33	50	60	60	29.0-41.0	75.0	75.0
EXN08AC5	1 1/2"	96.6	28	77	48.5	43	60	70	75	33.0-48.0	90.0	75.0
EXN09AC5	2"	109.5	28	77	52.5	52	70	70	74	36.0-52.0	100.0	75.0

* For brass version, remove N to the reference, e.g. EX04MC4 for Metric / EX04AC4 for NPT

** For stainless steel 316 version, add S to the reference, e.g. EXS04MC4 for Metric / EXS04AC4 for NPT