

# Cable Fitting: Cable Gland for Armoured Cable, DAC Series



A QUALITY PRODUCT

## Flameproof & Increased Safety Zone 1 & 2 - 21 & 22

### Application

The DAC cable glands are suitable for used in zone 1, 2 and zone 21, 22 hazardous areas to enable direct insertion of SWA-steel wire armoured cable into Ex db equipment or enclosure.

### Specification

- Body, gland nut : Brass (Chromium plated is available upon request)
- Sealing ring : Neoprene (CR) -25 °C to +100 °C
- Entry thread seal : Thermoplastic elastomer (For metric threads only)

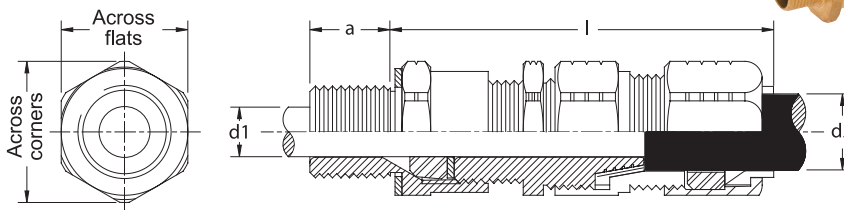
### Ordering

Cat. No. (Option)  
e.g. DAC/S-N1 (Chromium plated)

### Technical Data

Hazardous Area	Gas	Dust
Zones	<b>1 &amp; 2</b>	<b>21 &amp; 22</b>
Conforming to ATEX	<b>Ex II 2G</b>	<b>Ex II 2D</b>
Symbol of Protection ATEX	<b>Ex db IIC Gb, Ex eb II Gb</b>	<b>Ex tb IIIC Db</b>
Symbol of Protection IEC		
T rating	Temperature class of enclosure to which will be connected.	
Standard	ATEX Directive 2014/34/EU, std. EN 60079-0:2012+A11:2013, EN 60079-1:2014, EN 60079-7:2007, EN 60079-31:2014	
	IECEx Scheme, std. IEC 60079-0:2011, IEC 60079-1:2014, IEC 60079-7:2015, IEC 60079-31:2013	
Ambient Temperature	-20 °C to +75 °C	
Index of Protection	IP66	

### Catalogue Number and Dimension

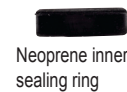


Cat. No.	Entries Thread (Male)	Inner Cable Dia. 'd1'		Outer Cable Dia. 'd2'		Armour Wire Dia.	Dimension in mm.				Approx. Weight (kgs.)
		Min.	Max.	Min.	Max.		l	a	Across Corners	Across Flats	
DAC/S -M0	M16 x 1.5						62	15.0	24.5	22.0	0.13
DAC/S -M1	M20 x 1.5	3.0	8.6	6.0	13.4	0.9	62	15.0	24.5	22.0	0.13
DAC/S -N1	1/2" NPT						62	19.9	24.5	22.0	0.13
DAC/M -M1	M20 x 1.5	6.1	11.9	9.5	16.0	0.9/1.25	62	15.0	26.5	24.0	0.14
DAC/M -N1	1/2" NPT						62	19.9	26.5	24.0	0.14
DAC/L -M1	M20 x 1.5						69	15.0	34.0	31.0	0.20
DAC/S -M2	M25 x 1.5	6.5	14.3	12.5	20.9	0.9/1.25	69	15.0	34.0	31.0	0.26
DAC/L -N1	1/2" NPT						69	19.9	34.0	31.0	0.20
DAC/S -N2	3/4" NPT						69	20.1	34.0	31.0	0.26
DAC/M -M2	M25 x 1.5						80	15.0	42.0	38.1	0.37
DAC/S -M3	M32 x 1.5	11.1	20.2	16.9	26.2	1.25/1.6	80	15.0	42.0	38.1	0.37
DAC/M -N2	3/4" NPT						80	20.1	42.0	38.1	0.39
DAC/S -N3	1" NPT						80	25.0	42.0	38.1	0.39
DAC/M -M3	M32 x 1.5						83	15.0	56.0	50.8	0.60
DAC/S -M4	M40 x 1.5	17.0	26.5	22.0	33.9	1.6/2.0	83	15.0	56.0	50.8	0.65
DAC/M -N3	1" NPT						83	25.0	56.0	50.8	0.60
DAC/S -N4	1-1/4" NPT						83	25.6	56.0	50.8	0.65
DAC/M -M4	M40 x 1.5						86	15.0	63.0	57.1	0.80
DAC/S -M5	M50 x 1.5	22.0	32.5	26.0	41.0	1.6/2.0	86	15.0	63.0	57.1	0.80
DAC/M -N4	1-1/4" NPT						86	25.6	63.0	57.1	0.80
DAC/S -N5	1-1/2" NPT						86	26.0	63.0	57.1	0.80
DAC/M -M5	M50 x 1.5	29.5	38.1	35.0	46.7	1.8/2.5	88	15.0	70.0	57.1	0.90
DAC/M -N5	1-1/2" NPT						88	26.0	70.0	57.1	0.90
DAC/L -M5	M50 x 1.5		39.9/				88	15.0	77.0	70.0	1.00
DAC/S -M6	M63 x 1.5	35.6	44.0	38.0	53.1	1.8/2.5	88	15.0	77.0	70.0	1.00
DAC/L -N5	1-1/2" NPT						88	26.0	77.0	70.0	1.00
DAC/S -N6	2" NPT						88	26.9	77.0	70.0	1.00
DAC/M -M6	M63 x 1.5		50.5/				100	15.0	84.0	76.2	1.35
DAC/S -M7	M75 x 1.5	39.0	54.0	47.0	65.0	1.8/2.5	100	15.0	84.0	76.2	1.35
DAC/M -N6	2" NPT						100	26.9	84.0	76.2	1.35
DAC/S -N7	2-1/2" NPT						100	39.9	84.0	76.2	1.35

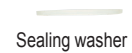
Thread seal



Body (Entry thread)



Neoprene inner sealing ring



Sealing washer



Clamping cone



Inner gland nut



Neoprene outer sealing ring



End cap



Outer gland nut