



CABLE GLANDS

flameproof enclosure
 II 2 G Ex d IIC, II 2 D Ex tD
 for armoured and unarmoured cables
 1/2 NPT - 3/4 NPT - M20 x 1,5

Series

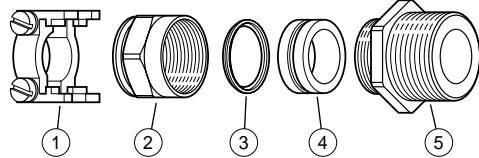
882
109

FEATURES

- Explosionproof material intended for use in potentially explosive atmospheres according to ATEX Directive 94/9/EC.
 EC type-examination certificates:
 LCIE 97 ATEX 6008 X (1/2 NPT and 3/4 NPT)
 KEMA 98 ATEX 4311 X (M20)
- Compliance with the Essential Health and Safety Requirements has been assured by compliance with European Standards EN-IEC 60079-0, EN-IEC 60079-1, EN-IEC 61241-0 and EN-IEC 61241-1
- Cable glands for armoured and unarmoured cables can be fitted to Ex d operators

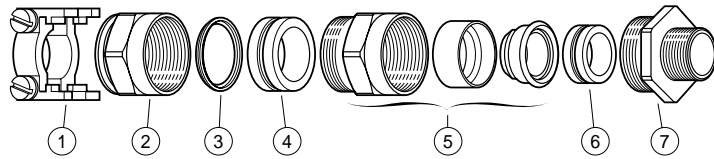
GENERAL

	1/2 NPT	3/4 NPT	M20 x 1,5
Protection, unarmoured cable	IP68 (10 bar), on outer sheath	IP68 (10 bar), on outer sheath	IP55 (10 bar), on outer sheath
Protection, armoured cable	IP68 (10 bar), on outer/inner sheath 0 to 1,25 mm armour O.D. 6 to 12 mm	IP68 (10 bar), on outer/inner sheath - O.D. 8,5 to 16 mm	- - I.D. 9 to 12 mm
Unarmoured cable	O.D. 12 to 20,5 mm	-	-
Armoured cable	O.D. 8,5 to 16 mm I.D. 6 to 12 mm	O.D. 12 to 21 mm I.D. 8,5 to 16 mm	- -



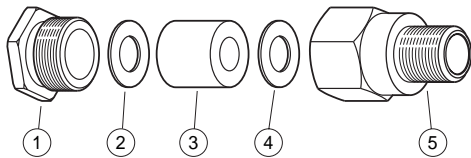
- ① cable clamp ③ backup ring ⑤ adapter (1/2 or 3/4 NPT)
 ② nut ④ grommet

1/2 - 3/4 NPT,
for unarmoured cable



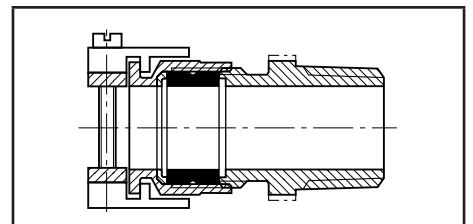
- ① cable clamp ④ grommet (internal sealing) ⑦ adapter (1/2 or 3/4 NPT)
 ② nut ⑤ armour clamp
 ③ backup ring ⑥ grommet (external sealing)

1/2 - 3/4 NPT,
for armoured cable

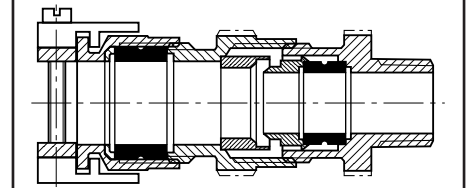


- ① nut ③ grommet ⑤ adapter (M20 x 1,5)
 ② backup ring ④ backup ring

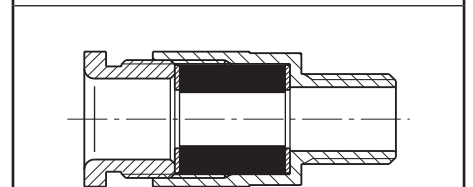
M20 x 1,5
for unarmoured cable



unarmoured (1/2 - 3/4 NPT)



armoured (1/2 - 3/4 NPT)



unarmoured (M20 x 1,5)

CONSTRUCTION

Adapter	1/2-3/4 NPT Nickel-plated brass	M20 x 1,5 Nickel-plated brass
Grommet	NBR	NBR
Breaker piece	Stainless steel	Stainless steel

SAFETY CODE

Ex II 2 G Ex d IIC II 2 D Ex tD IP68	Ex II 2 G Ex d IIC II 2 D Ex tD A21 IP67
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SPECIFICATIONS

pipe size	cable		type	catalogue number	
	outer diameter (mm)	inner diameter (mm)		unarmoured cable	armoured cable
1/2 NPT and 3/4 NPT versions					
1/2 NPT	-	6 to 12	01	88200011	-
	6 to 12	8,5 to 16	02	-	88200014
3/4 NPT	-	8,5 to 16	01	88200007	-
	-	12 to 20,5	01	88200010	-
	12 to 21	8,5 to 16	02	-	88200013
M20 x 1,5 version					
M20 x 1,5	-	9 to 12	03	109454-012	-

ACCESSORIES

- 3/4 NPT to 1/2 NPT reducer, catalogue number: **88200012**
- Other cable glands on request

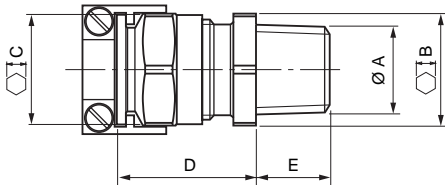
INSTALLATION

- The cable gland can be supplied pre-installed on Ex d enclosure

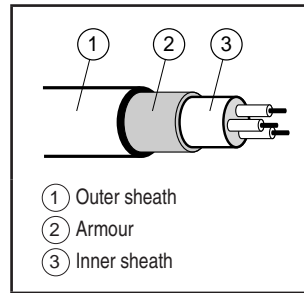
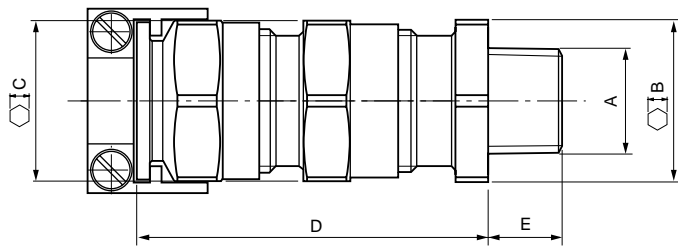
DIMENSIONS (mm), WEIGHT (kg)



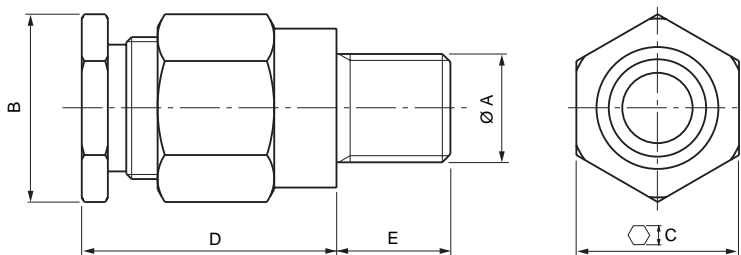
TYPE 01
1/2 - 3/4 NPT
unarmoured cable
IP68



TYPE 02
1/2 - 3/4 NPT
armoured cable
IP68



TYPE 03
M20 x 1,5
unarmoured cable
IP67



type	Ø A	B	C	D	E	weight
01	1/2 NPT	24	19	30	16	0,04
	3/4 NPT ⁽¹⁾	30	24	33	16	0,055
	3/4 NPT ⁽²⁾	30	30	35	16	0,07
02	1/2 NPT	24	24	50	16	0,09
	3/4 NPT	30	30	54	16	0,17
03	M20 x 1,5	34	30	48	21	0,16

⁽¹⁾ Catalogue number 88200007.

⁽²⁾ Catalogue number 88200010.