

TECHNICAL DATA

Zones :

- 1 and 2 and 21-22

Classification :

- According to CENELEC :
 - Conforming to ATEX Directive 94/9 EC and standards EN 50014 -18 -19
 - EC 0539 II2 G for gas EEx e II or EEx d IIB or EEx d IIC (all volumes)
 - EC 0539 II2 D for dust
- According to IEC :
 - Conforming to standards IEC 60079-0/1/7 Exe II or EEx d IIB or Ex d IIC ($V \leq 2000 \text{ cm}^3$)
 - DIPA 21 for dust

Certification :

- Type ECMAR3
- CENELEC DEMKO 02 ATEX 133741X
- IEC DEMKO 133893-01
- **CE** declaration of conformity No. 50245
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 (combustible dust)
- Conforming to BS 6021
- NPT tapered thread according to standards NF E 03 601
- Metric thread according to standards ISO 965/I/III

Protection index :

- IP66/67 and 68 (10m) according to EN 60529 and IEC 60529
- IK10 mechanical resistance according to EN 50102

Operating temperature :

- 60°C to + 130°C

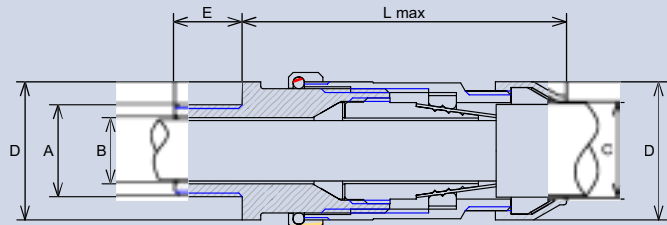
Anticorrosion treatment and climate protection : see page G50

- Nickel-plated brass: high degree of protection against corrosion and reduces galvanic effect regardless of enclosure material.
- Non nickel-plated brass for internal parts to ensure electrical continuity of armour earth.

Zones 1 & 2 - 21 & 22	ATEX	IEC	EC	II2G/D
EEx e II or EEx d IIB or EEx d IIC		IP66/67 and 68 (10m)		
IK10				

Dimensions (mm) :

- for compression or compound seal cable glands :



• Admissible armour thickness (wire, braid, tape) :

M16 to M20 and NPT 1/2"ss to NPT 3/4"s	: 0.25 to 1.25 mm
M25 and NPT 3/4"	: 0.25 to 1.60 mm
M32 to M40 and NPT 1" to NPT 1" 1/4	: 0.25 to 2 mm
M50s to M75 and NPT2"s to NPT3"	: 0.25 to 2.5 mm

• Barrier cable gland with compound seal, tightening capacity and dimensions in mm :

Ref.	A	B		C		D Across flats/ across corners	E mm	L max
		Max	Min	Max	Max			
0934 71	M20ss x 1.5	8.7	7	13.5		24/26.5	15	77.5
0934 72	M20s x 1.5	11.9	9.5	16		24/26.5	15	76.5
0934 73	M20 x 1.5	14.3	13.5	21		30/33	15	93
0934 74	M25 x 1.5	20.2	17	27.1		38/41	15	105.5
0934 75	M32 x 1.5	26.5	22.5	34		46/51	15	127
0934 76	M40 x 1.5	32.5	28	40.5		55/60	15	138.5
0934 77	M50s x 1.5	38.5	35	47		60/65	15	152.5
0934 78	M50 x 1.5	44.4	38	53.5		70/75	15	155
0934 79	M63s x 1.5	50	45.5	59.5		75/80	15	156
0934 80	M63 x 1.5	56.3	54.5	66		80/85	15	154.5
0934 81	M75s x 1.5	62	57	72.5		90/100	15	170
0934 82	M75 x 1.5	68.2	64	78.5		100/110	15	173
0934 52	NPT 1/2"ss	8.7	7	13.5		24/26.5	20	77.5
0934 53	NPT 1/2"s	11.9	9.5	16		24/26.5	20	76.5
0934 54	NPT 1/2"	14.3	13.5	21		30/33	20	93
0934 67	NPT 3/4"ss	11.9	9.5	16		24/26.5	20	76.5
0934 66	NPT 3/4"s	14.3	13.5	21		30/33	20	93
0934 55	NPT 3/4"	20.2	17	27.1		38/41	20	105.5
0934 56	NPT 1"	26.5	22.5	34		46/51	25	127
0934 57	NPT 1"1/4	32.5	28	40.5		55/60	26	138.5
0934 68	NPT 1"1/2	32.5	28	40.5		55/60	26	138.5
0934 58	NPT 2"s	38.5	35	47		60/65	27	152.5
0934 59	NPT 2"	44.4	38	53.5		70/75	27	155
0934 60	NPT 2"1/2s	50	45.5	59.5		75/80	40	156
0934 61	NPT 2"1/2	56.3	54.5	66		80/85	40	154.5
0934 62	NPT 3"s	62	57	72.5		90/100	42	170
0934 63	NPT 3"	68.2	64	78.5		100/110	42	173