



Cable wiring



Steel pipe wiring

## Cable Glands

## DQM-III Series Explosion-proof Cable Glands (Ex d IIC) Armored Compound Barrier

- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups A, B, C, D
- ◆ Ex d structure; available in stainless steel, nickel plated brass or galvanized carbon steel.
- ◆ With seal ring and sealing compound; suitable for armored cable.
- ◆ The compound consists of type A and type B; it can solidify after mixing together.

## Technical data

## Explosion-proof cable glands

## DQM-III Ex d (armored compound barrier)

## Explosion protection

- Gas explosion protection
- Dust explosion protection

## Certificates

## Conformity to standards

## Gland material

## Degree of protection

## Ambient temperature

## Connection thread

Ex II 2 G Ex d IIC Gb

Ex II 2 G Ex e IIC Gb

Ex II 2 D Ex tb IIC Db IP66

Nemko 10 ATEX 1005X; IECEx CQM 11.0028

EN 60079-0:2009, EN 60079-1:2007, EN 60079-7:2007, EN 60079-31:2009

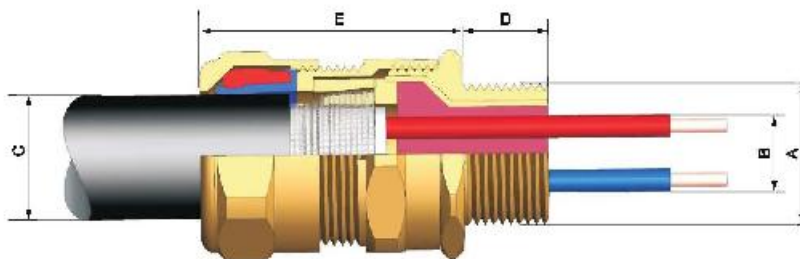
IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-7:2006, IEC 60079-31:2008

Stainless steel, nickel plated brass or galvanized carbon steel

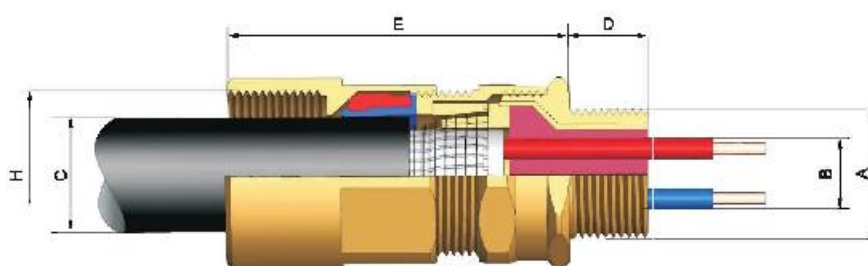
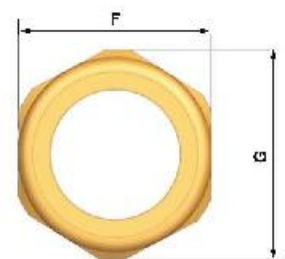
IP66

-20°C~+55°C (-60°C~+100°C optional)

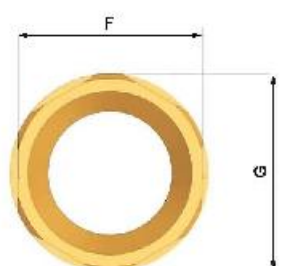
Metric thread is standard type; G thread or NPT thread is optional



Cable wiring selection table



Steel pipe wiring selection table



# Cable Glands

## DQM-III Series Explosion-proof Cable Glands (Ex d IIC)

### Armored Compound Barrier

# 7

**Cable wiring selection table**

Gland size	Standard entry thread A	Cable outer diameter B (mm)		Cable outer diameter C (mm)		Minimum thread length D (mm)	Across flats E (mm)	Across corners F (mm)	Nominal protrusion length G (mm)	Ordering code	Weight (kg)
		Max	Min	Max	Min						
20S	M20 x 1.5	11	6	12	15	15	50	27	30	710001	0.12
20	M20 x 1.5	11	9	15	15	15	50	27	30	710002	0.11
25S	M25 x 1.5	11	9	15	15	15	50	27	30	710003	0.16
25	M25 x 1.5	16	14	22	15	15	50	34	37	710004	0.15
32S	M32 x 1.5	16	14	22	17	17	50	34	37	710005	0.19
32	M32 x 1.5	22	19	28	17	17	55	41	45	710006	0.17
40S	M40 x 1.5	25	24	28	19	19	58	41	45	710007	0.25
40	M40 x 1.5	25	27	33	19	19	58	50	55	710008	0.22
50S	M50 x 1.5	33	29	35	19	19	67	50	55	710009	0.32
50	M50 x 1.5	33	34	41	19	19	67	60	65	710010	0.28
63S	M63 x 1.5	42	38	45	19	19	73	60	65	710011	0.41
63	M63 x 1.5	42	44	52	19	19	73	72	77	710012	0.38
75S	M75 x 1.5	42	44	52	19	19	73	72	77	710025	3.00
75	M75 x 1.5	50	47	74	19	19	94	100	105	710026	2.90
90S	M90 x 1.5	50	47	74	19	19	96	100	105	710027	3.90
90	M90 x 1.5	57	55	87	19	19	108	115	120	710028	3.80
110S	M110 x 1.5	57	55	87	19	19	108	115	120	710029	5.00
110	M110 x 1.5	80	62	103	19	19	110	128	135	710030	4.90

**Steel pipe wiring selection table**

Gland size	Standard entry thread A	Standard entry thread H	Cable outer diameter B (mm)		Cable outer diameter C (mm)		Minimum thread length D (mm)	Across flats E (mm)	Across corners F (mm)	Nominal protrusion length G (mm)	Ordering code	Weight (kg)
			Max	Min	Max	Min						
20S	M20 x 1.5	M20 x 1.5	11	6	12	15	15	66	27	30	710013	0.17
20	M20 x 1.5	M25 x 1.5	11	9	15	15	15	66	27	30	710014	0.18
25S	M25 x 1.5	M25 x 1.5	11	14	22	15	15	67	27	30	710015	0.21
25	M25 x 1.5	M32 x 1.5	16	14	22	15	15	66	34	37	710016	0.20
32S	M32 x 1.5	M32 x 1.5	16	19	28	17	17	73	34	37	710017	0.24
32	M32 x 1.5	M40 x 1.5	22	18	28	17	17	73	41	45	710018	0.22
40S	M40 x 1.5	M40 x 1.5	25	24	28	19	19	76	41	45	710019	0.30
40	M40 x 1.5	M50 x 1.5	25	27	33	19	19	76	50	55	710020	0.27
50S	M50 x 1.5	M50 x 1.5	33	29	35	19	19	85	50	55	710021	0.37
50	M50 x 1.5	M63 x 1.5	33	34	41	19	19	85	60	65	710022	0.34
63S	M63 x 1.5	M63 x 1.5	42	38	45	19	19	91	60	65	710023	0.46
63	M63 x 1.5	M75 x 1.5	42	44	52	19	19	91	72	77	710024	0.43
75S	M75 x 1.5	M75 x 1.5	42	44	52	19	19	91	72	77	710031	2.80
75	M75 x 1.5	M90 x 1.5	50	47	74	19	19	115	100	105	710032	2.70
90S	M90 x 1.5	M90 x 1.5	50	147	74	19	19	117	100	105	710033	3.70
90	M90 x 1.5	M110 x 1.5	57	55	87	19	19	128	115	120	710034	3.60
110S	M110 x 1.5	M110 x 1.5	57	55	87	19	19	126	115	120	710035	4.80
110	M110 x 1.5	M125 x 1.5	80	62	103	19	19	129	128	135	710036	4.70

**Note:** 1. Standard material is nickel plated brass. Stainless steel or galvanized carbon steel is optional. Weight above is based upon nickel plated brass.

2. Supplied without locknut.

3. Earth lug and shroud on request. See P7/31.

