

## Cable Glands

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

#### Unarmored Compound Barrier



Cable wiring



Steel pipe wiring

- ◆ 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, Ex e structure; available in stainless steel or nickel plated brass.
- ◆ With sealing and sealing compound; suitable for unarmored cable.
- ◆ For particular use with: cables that exhibit "cold flow" characteristics.

#### Technical data

##### Explosion-proof cable glands

##### DQM-III (unarmored compound barrier)

##### Explosion protection

Global (IECEX)  
Gas and dust

IECEX CQM 11.0028

Ex d IIC Gb  
Ex e IIC Gb

Ex tb IIIC Db IP66

Europe (ATEX)  
Gas and dust

Nemko 10 ATEX 1005X

⊕ II 2 G Ex d IIC Gb

⊕ II 2 G Ex e IIC Gb

⊕ II 2 D Ex tb IIIC Db IP66

##### Certificates

IECEX; ATEX; CU-TR

##### Conformity to standards

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31

IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

##### Gland material

Stainless steel or nickel plated brass

##### Degree of protection

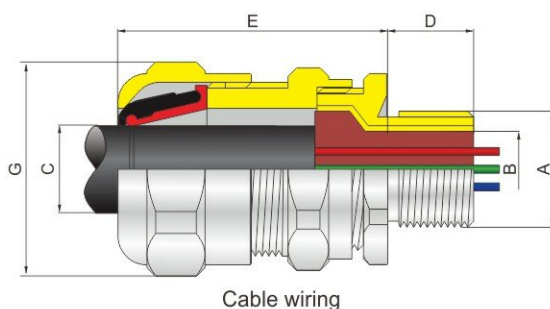
IP66 (IP67 optional)

##### Ambient temperature

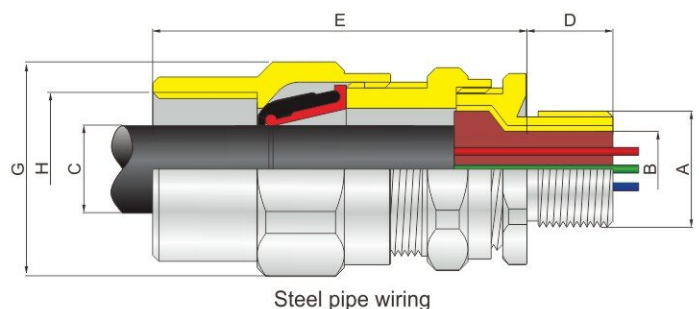
-20°C~+55°C(-60°C~+100°C optional)

##### Connection thread

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



Cable wiring



Steel pipe wiring

## Cable Glands

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

#### Unarmored Compound Barrier

#### Selection table of cable wiring

Gland size	Entry thread "A"		Cable outer diameter B (mm)		Cable outer diameter C (mm)		Minimum thread length D (mm)	Nominal protrusion length E (mm)	Across corners G (mm)	Ordering code	Weight (kg)
	Metric	NPT/G	Max	Min	Max						
20A	M20A	1/2"A	10	5.5	12	15	51	31	710001	0.10	
20B	M20B	1/2"B	13	9.0	16	15	51	31	710002	0.10	
25A	M25A	3/4"A	13	9.0	16	15	51	37	710003	0.12	
25B	M25B	3/4"B	18	12.5	20.5	15	53	37	710004	0.15	
32A	M32A	1"A	18	12.5	20.5	19	53	45	710005	0.17	
32B	M32B	1"B	24	17	26	19	58	45	710006	0.20	
40A	M40A	1 1/4"A	24	17	26	19	58	54	710007	0.22	
40B	M40B	1 1/4"B	30	22	33	19	62	54	710008	0.27	
50A	M50A	1 1/2"A	30	22	33	19	62	65	710009	0.40	
50B	M50B	1 1/2"B	37	28	41	19	69	65	710010	0.50	
63A	M63A	2"A	37	28	41	19	69	77	710011	0.80	
63B	M63B	2"B	47	36	52.5	19	77	77	710012	0.90	
75A	M75A	2 1/2"A	47	36	52.5	19	77	90	710013	2.30	
75B	M75B	2 1/2"B	55	46	65	19	95	93	710014	2.70	
90	M90	3"	60	57	78	19	100	121	710015	2.80	
115	M115	4"	70	68	88	19	106	137	710016	3.60	

#### Selection table of steel pipe wiring

Gland size	Entry thread "A"		Entry thread "H"		Cable outer diameter B (mm)		Cable outer diameter C (mm)		Minimum thread length D (mm)	Nominal protrusion length E (mm)	Across corners G (mm)	Ordering code	Weight (kg)
	Metric	NPT/G	Metric	NPT/G	Max	Min	Max						
20A	M20A	1/2"A	M20	1/2"	10	5.5	12	15	66	31	710017	0.12	
20B	M20B	1/2"B	M20	1/2"	13	9.0	16	15	66	31	710018	0.12	
25A	M25A	3/4"A	M20	1/2"	13	9.0	16	15	66	37	710019	0.15	
25B	M25B	3/4"B	M25	3/4"	18	12.5	20.5	15	68	37	710020	0.18	
32A	M32A	1"A	M25	3/4"	18	12.5	20.5	19	68	45	710021	0.21	
32B	M32B	1"B	M32	1"	24	17	26	19	77	45	710022	0.24	
40A	M40A	1 1/4"A	M32	1"	24	17	26	19	77	54	710023	0.29	
40B	M40B	1 1/4"B	M40	1 1/4"	30	22	33	19	81	54	710024	0.35	
50A	M50A	1 1/2"A	M40	1 1/4"	30	22	33	19	81	65	710025	0.50	
50B	M50B	1 1/2"B	M50	1 1/2"	37	28	41	19	88	65	710026	0.64	
63A	M63A	2"A	M50	1 1/2"	37	28	41	19	88	77	710027	0.98	
63B	M63B	2"B	M63	2"	47	36	52.5	19	96	77	710028	1.17	
75A	M75A	2 1/2"A	M63	2"	47	36	52.5	19	96	90	710029	2.60	
75B	M75B	2 1/2"B	M75	2 1/2"	55	46	65	19	114	93	710030	3.00	
90	M90	3"	M90	3"	60	57	78	19	119	121	710031	3.30	
115	M115	4"	M115	4"	70	68	88	19	125	137	710032	4.00	

**Note:** 1. Standard material is nickel plated brass. Stainless steel is optional. Above weight is based upon nickel plated brass.  
 2. Earth lug and shroud on request. See P7/36~37.  
 3. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

