

## Cable Glands

### DQM-CF Series Explosion-proof Cable Glands (Ex db IIC Ex eb IIC)

#### Armored Dual Seal



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.
- ◆ Dual seal, suitable for both armored and unarmored cable.
- ◆ EMC Cable Gland. (360° contact) - EMC tested.
- ◆ For particular use with: cables that exhibit "cold flow" characteristics.

#### Technical data

#### Explosion-proof cable glands DQM-CF (armored dual seal)

##### Explosion protection

Global (IECEX)  
Gas and dust

IECEX TUR 20.0072X  
Ex db IIC Gb (only for M and NPT thread)  
Ex eb IIC Gb  
Ex tb IIIC Db

Europe (ATEX)  
Gas and dust

TÜV 20 ATEX 8593 X  
⊕ Ex II 2 G Ex db IIC Gb (only for M and NPT thread)  
⊕ Ex II 2 G Ex eb IIC Gb  
⊕ Ex II 2 D Ex tb IIIC Db

##### Certificates

##### Conformity to standards

IECEX; ATEX  
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

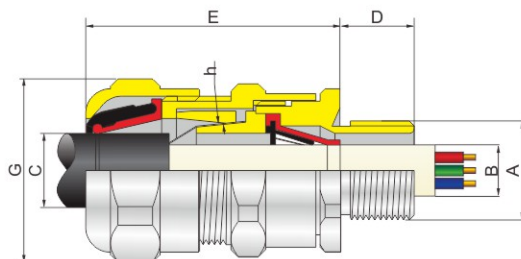
IP66

##### Ambient temperature

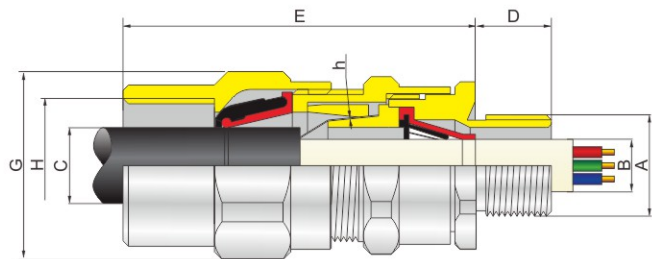
-60°C~+90°C

##### Connection thread

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



Cable wiring



Steel pipe wiring

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#### Armored Dual Seal

#### 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)	Armour/Braid(h)		Ordering code	Weight (kg)
	Metric	NPT/G	Min	Max	Min	Max				X	W		
20A	M20	1/2"	4.0	8.0	5.5	12.0	15	51	31	0~0.6	0.8~1.4	722001	0.12
20B	M20	1/2"	6.5	10.5	9.0	16.0	15	51	31	0~0.6	0.8~1.4	722002	0.15
20C	M20	1/2"	8.5	14.5	12.5	20.5	15	53	37	0~0.6	0.8~1.4	722003	0.15
25B	M25	3/4"	8.5	14.5	12.5	20.5	15	53	37	0~0.6	0.8~1.4	722004	0.19
25C	M25	3/4"	11.0	19.5	17.0	26.0	15	58	45	0~0.6	0.8~1.4	722005	0.18
32B	M32	1"	11.0	19.5	17.0	26.0	19	58	45	0~0.7	1.0~1.7	722006	0.22
32C	M32	1"	17.0	25.5	22.0	33.0	19	62	54	0~0.6	0.8~1.4	722007	0.30
40B	M40	1 1/4"	17.0	25.5	22.0	33.0	19	62	54	0~0.7	1.0~1.7	722008	0.40
40C	M40	1 1/4"	23.0	32.0	28.0	41.0	19	69	65	0~0.8	1.0~1.7	722009	0.40
50B	M50	1 1/2"	23.0	32.0	28.0	41.0	19	69	65	0~0.7	1.0~1.7	722010	0.60
50C	M50	1 1/2"	29.0	39.0	36.0	52.5	19	77	77	0~0.8	1.0~1.7	722011	0.80
63B	M63	2"	29.0	39.0	36.0	52.5	19	77	77	0~1.0	1.0~2.0	722012	1.00

#### 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)	Armour/Braid(h)		Ordering code	Weight (kg)
	Metric	NPT/G	Metric	NPT/G	Min	Max	Min	Max				X	W		
20A	M20	1/2"	M20	1/2"	4.0	8.0	5.5	12.0	15	66	31	0~0.6	0.8~1.4	722024	0.15
20B	M20	1/2"	M20	1/2"	6.5	10.5	9.0	16.0	15	66	31	0~0.6	0.8~1.4	722025	0.20
20C	M20	1/2"	M25	3/4"	8.5	14.5	12.5	20.5	15	68	37	0~0.6	0.8~1.4	722026	0.20
25B	M25	3/4"	M25	3/4"	8.5	14.5	12.5	20.5	15	68	37	0~0.6	0.8~1.4	722027	0.24
25C	M25	3/4"	M32	1"	11.0	19.5	17.0	26.0	15	77	45	0~0.6	0.8~1.4	722028	0.27
32B	M32	1"	M32	1"	11.0	19.5	17.0	26.0	19	77	45	0~0.7	1.0~1.7	722029	0.27
32C	M32	1"	M40	1 1/4"	17.0	25.5	22.0	33.0	19	81	54	0~0.6	0.8~1.4	722030	0.33
40B	M40	1 1/4"	M40	1 1/4"	17.0	25.5	22.0	33.0	19	81	54	0~0.7	1.0~1.7	722031	0.36
40C	M40	1 1/4"	M50	1 1/2"	23.0	32.0	28.0	41.0	19	88	65	0~0.8	1.0~1.7	722032	0.45
50B	M50	1 1/2"	M50	1 1/2"	23.0	32.0	28.0	41.0	19	88	65	0~0.7	1.0~1.7	722033	0.70
50C	M50	1 1/2"	M63	2"	29.0	39.0	36.0	52.5	19	96	77	0~0.8	1.0~1.7	722034	0.85
63B	M63	2"	M63	2"	29.0	39.0	36.0	52.5	19	96	77	0~1.0	1.0~2.0	722035	1.50

**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.

