

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, nickel plated brass or galvanized carbon steel.
- ◆ With sealing and sealing compound; suitable for unarmored cable.

Technical data

Explosion-proof cable glands

DQM-III (unarmored 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; RU C-CN.ГБ08.B.00610(CU-TR)

EN 60079-0:2012, EN 60079-1:2007, EN 60079-7:2007, EN 60079-31:2009

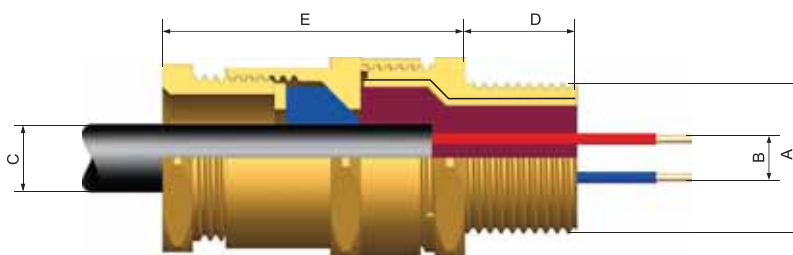
IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-7:2006, IEC 60079-31:2008

Stainless steel, nickel plated brass or galvanized carbon steel

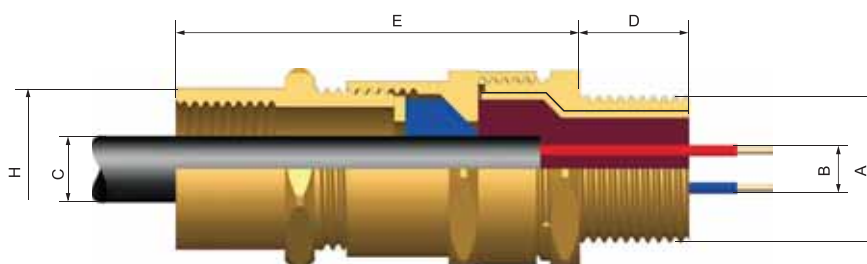
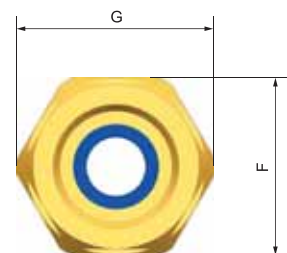
IP66 (IP67 optional)

-20°C~+55°C(-60°C~+100°C optional)

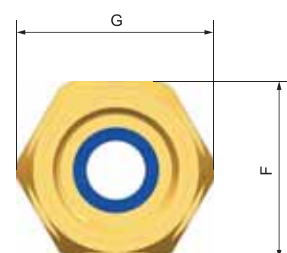
Metric thread is standard type; G thread or NPT thread is optional



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	Standard entry thread A			Cable outer diameter B (mm)	Cable outer diameter C (mm)		Minimum thread length D (mm)	Nominal protrusion length E (mm)	Across flats F (mm)	Across corners G (mm)	Ordering code	Weight (kg)
				Max	Min	Max						
20S	M20 x 1.5	NPT 1/2"	G1/2"	8	4	9	15	59	27	30	720001	0.11
20	M20 x 1.5	NPT 1/2"	G1/2"	11	7	12	15	59	27	30	720002	0.11
25	M25 x 1.5	NPT 3/4"	G3/4"	16	11	17	15	62	34	37	720003	0.17
32	M32 x 1.5	NPT 1"	G1"	21	15	22	19	70	41	45	720004	0.27
40S	M40 x 1.5	NPT 1 1/4"	G1 1/4"	25	22	27	19	77	51	55	720005	0.50
40	M40 x 1.5	NPT 1 1/4"	G1 1/4"	25	27	32	19	77	51	55	720006	0.50
50S	M50 x 1.5	NPT 1 1/2"	G1 1/2"	31	30	36	19	84	65	70	720007	0.70
50	M50 x 1.5	NPT 1 1/2"	G1 1/2"	31	36	41	19	84	65	70	720008	0.70
63	M63 x 1.5	NPT 2"	G2"	40	36	41	19	86	72	77	720009	1.10
75	M75 x 1.5	NPT 2 1/2"	G2 1/2"	50	30	50	19	143	95	100	720010	2.50
90	M90 x 1.5	NPT 3"	G3"	57	38	57	19	162	110	115	720011	3.00
110	M110 x 1.5	NPT 4"	G4"	80	48	80	19	167	125	130	720012	4.00

Selection table of steel pipe wiring

Gland size	Standard entry thread A / H			Cable outer diameter B (mm)	Cable outer diameter C (mm)		Minimum thread length D (mm)	Nominal protrusion length E (mm)	Across flats F (mm)	Across corners G (mm)	Ordering code	Weight (kg)
				Max	Min	Max						
20S	M20 x 1.5	NPT 1/2"	G1/2"	8	4	9	15	75	27	30	720013	0.16
20	M20 x 1.5	NPT 1/2"	G1/2"	11	7	12	15	75	27	30	720014	0.16
25	M25 x 1.5	NPT 3/4"	G3/4"	16	11	17	15	75	34	37	720015	0.22
32	M32 x 1.5	NPT 1"	G1"	21	15	22	19	88	41	45	720016	0.32
40S	M40 x 1.5	NPT 1 1/4"	G1 1/4"	25	22	27	19	95	51	55	720017	0.55
40	M40 x 1.5	NPT 1 1/4"	G1 1/4"	25	27	32	19	95	51	55	720018	0.55
50S	M50 x 1.5	NPT 1 1/2"	G1 1/2"	31	30	36	19	102	65	70	720019	0.75
50	M50 x 1.5	NPT 1 1/2"	G1 1/2"	31	36	41	19	102	65	70	720020	0.75
63	M63 x 1.5	NPT 2"	G2"	40	36	41	19	104	72	77	720021	1.20
75	M75 x 1.5	NPT 2 1/2"	G2 1/2"	50	30	50	19	161	95	100	720022	2.60
90	M90 x 1.5	NPT 3"	G3"	57	38	57	19	180	110	115	720023	3.20
110	M110 x 1.5	NPT 4"	G4"	80	48	80	19	185	125	130	720024	4.20

Note: 1. Standard material is nickel plated brass. Stainless steel or galvanized carbon steel is optional. Above weight is based upon nickel plated brass.
2. Earth lug and shroud on request. See P7/33.

