

Cable Glands DQM-II Series Explosion-proof Cable Glands (Ex d IIC) Armored Dual Seal



Cable wiring



Steel pipe wiring

Cable Glands DQM-II Series Explosion-proof Cable Glands (Ex d IIC) Armored Dual Seal

- ◆ 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.
- ◆ Dual seal, suitable for both armored and unarmored cable.

Technical data

Explosion-proof cable glands

DQM-II Ex d (armored dual seal)

Explosion protection

Gas explosion protection
Dust explosion protection

II 2 G Ex d IIC Gb

II 2 G Ex e IIC Gb

II 2 D Ex tb IIIC Db IP66

Certificates

LCIE 06 ATEX 6100; IECEX LCI 08.0011

Conformity to standards

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

Gland material

Stainless steel, nickel plated brass or galvanized carbon steel

Degree of protection

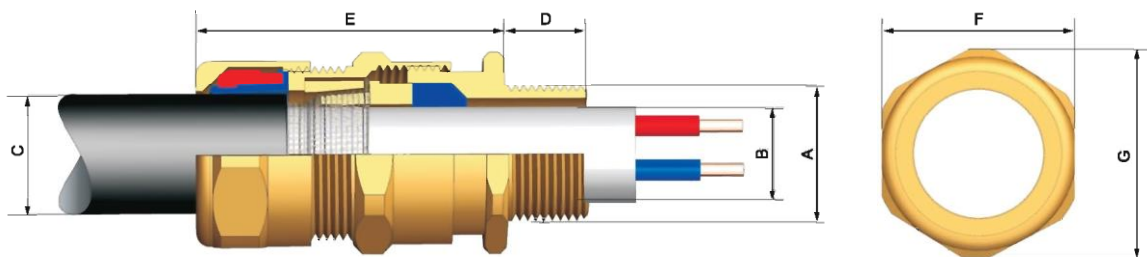
IP66

Ambient temperature

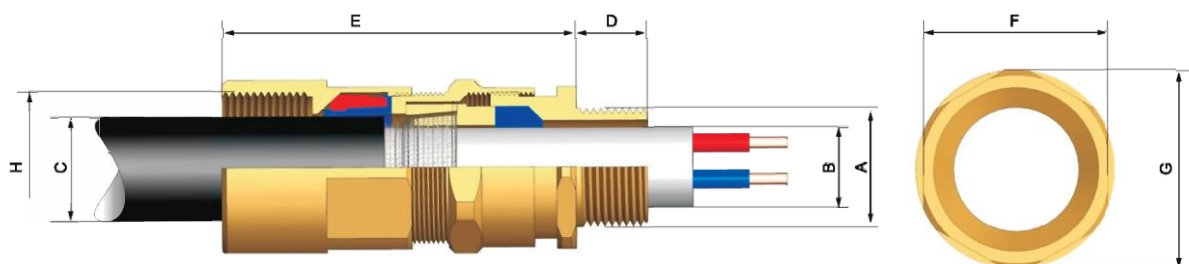
-20°C~+55°C(-60°C~+100°C optional)

Connection thread

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



Cable wiring selection table



Steel pipe wiring selection table

Cable Glands

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

Armored Dual Seal

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)
		Min	Max	Min	Max						
20S	M20 x 1.5	4	9	6	12	15	59	27	30	709001	0.15
20	M20 x 1.5	7	11	9	15	15	59	27	30	709002	0.14
25S	M25 x 1.5	7	11	9	15	15	59	27	30	709003	0.19
25	M25 x 1.5	11	17	14	22	15	60	34	37	709004	0.18
32S	M32 x 1.5	11	17	14	22	17	60	34	37	709005	0.22
32	M32 x 1.5	15	22	19	28	17	65	41	45	709006	0.20
40S	M40 x 1.5	19	25	24	28	19	71	41	45	709007	0.28
40	M40 x 1.5	19	25	27	33	19	71	50	55	709008	0.25
50S	M50 x 1.5	22	27	29	35	19	80	50	55	709009	0.35
50	M50 x 1.5	27	32	34	41	19	80	60	65	709010	0.32
63S	M63 x 1.5	30	36	38	45	19	88	60	65	709011	0.44
63	M63 x 1.5	36	41	44	52	19	88	72	77	709012	0.41
75S	M75x 1.5	36	41	44	52	19	88	72	77	709025	3.10
75	M75 x 1.5	30	50	47	74	19	124	100	105	709026	3.00
90S	M90 x 1.5	30	50	47	74	19	126	100	105	709027	4.00
90	M90 x 1.5	38	57	55	87	19	143	115	120	709028	3.90
110S	M110 x 1.5	38	57	55	87	19	143	115	120	709029	5.20
110	M110 x 1.5	48	80	62	103	19	148	128	135	709030	5.10

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)
			Min	Max	Min	Max						
20S	M20 x 1.5	M20 x 1.5	4	9	6	12	15	75	27	30	709013	0.20
20	M20 x 1.5	M25 x 1.5	7	11	9	15	15	75	27	30	709014	0.19
25S	M25 x 1.5	M25 x 1.5	11	17	14	22	15	76	27	30	709015	0.24
25	M25 x 1.5	M32 x 1.5	11	17	14	22	15	76	34	37	709016	0.23
32S	M32 x 1.5	M32 x 1.5	15	22	19	28	17	83	34	37	709017	0.27
32	M32 x 1.5	M40 x 1.5	15	22	19	28	17	83	41	45	709018	0.25
40S	M40 x 1.5	M40 x 1.5	19	25	24	28	19	89	41	45	709019	0.33
40	M40 x 1.5	M50 x 1.5	19	25	27	33	19	89	50	55	709020	0.30
50S	M50 x 1.5	M50 x 1.5	22	27	29	35	19	98	50	55	709021	0.40
50	M50 x 1.5	M63 x 1.5	27	32	34	41	19	98	60	65	709022	0.37
63S	M63 x 1.5	M63 x 1.5	30	36	38	45	19	106	60	65	709023	0.49
63	M63 x 1.5	M75 x 1.5	36	41	44	52	19	106	72	77	709024	0.46
75S	M75 x 1.5	M75 x 1.5	36	41	44	52	19	106	72	77	709031	2.90
75	M75 x 1.5	M90 x 1.5	30	50	47	74	19	145	100	105	709032	2.80
90S	M90 x 1.5	M90 x 1.5	30	50	47	74	19	145	100	105	709033	3.80
90	M90 x 1.5	M110 x 1.5	38	57	55	87	19	161	115	120	709034	3.70
110S	M110 x 1.5	M110 x 1.5	38	57	55	87	19	161	115	120	709035	5.00
110	M110 x 1.5	M125 x 1.5	48	80	62	103	19	167	128	135	709036	4.90

- 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.

