

Cable Glands

DQM-I Series Explosion-proof Cable Glands (Ex e)

Metal Armored



Cable wiring



Steel pipe wiring

Cable Glands

DQM-I Series Explosion-proof Cable Glands (Ex e)

Metal Armored

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Class I, Zone 1 and Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Ex e structure; available in stainless steel, nickel plated brass or galvanized carbon steel.
- ◆ Single seal, suitable for both armored and unarmored cable.

Technical data

Explosion-proof cable glands

DQM-I Ex e (metal armored)

Explosion protection

Ex II 2 G Ex e II

Certificates

PTB 04 ATEX 1087X; IECEx CQM 07.0009

Conformity to standards

EN 50014:1997+A1+A2, EN 50019:2000

IEC 60079-0:2004, IEC 60079-7:2001

Gland material

Stainless steel, nickel plated brass or galvanized carbon steel

Degree of protection

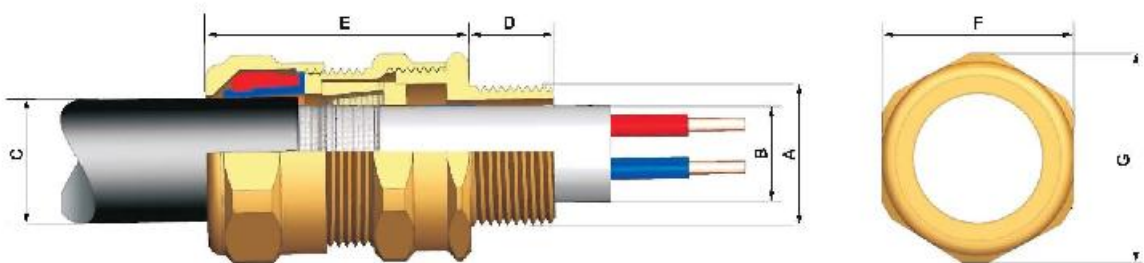
IP65

Ambient temperature

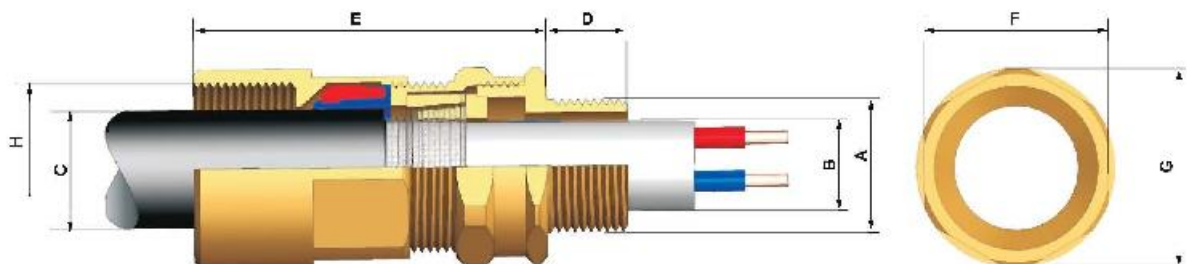
-20°C~+55°C (-60°C~+100°C optional)

Connection thread

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



Cable wiring selection table



Steel pipe wiring selection table

Cable 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	50	27	30	707001	0.14	
20	M20 x 1.5	11	9	15	15	50	27	30	707002	0.13	
25S	M25 x 1.5	11	9	15	15	50	27	30	707003	0.18	
25	M25 x 1.5	17	14	22	15	50	34	37	707004	0.17	
32S	M32 x 1.5	17	14	22	17	50	34	37	707005	0.21	
32	M32 x 1.5	22	19	28	17	55	41	45	707006	0.19	
40S	M40 x 1.5	25	24	28	19	58	41	45	707007	0.27	
40	M40 x 1.5	25	27	33	19	58	50	55	707008	0.24	
50S	M50 x 1.5	33	29	35	19	67	50	55	707009	0.34	
50	M50 x 1.5	33	34	41	19	67	60	65	707010	0.31	
63S	M63 x 1.5	40	38	45	19	73	60	65	707011	0.43	
63	M63 x 1.5	40	44	52	19	73	75	77	707012	0.40	
75S	M75 x 1.5	40	44	52	19	73	72	77	707025	2.80	
75	M75 x 1.5	61	47	74	19	94	100	105	707026	2.70	
90S	M90 x 1.5	61	47	74	19	96	400	105	707027	3.90	
90	M90 x 1.5	73	55	87	19	108	115	120	707028	3.80	
110S	M110 x 1.5	73	55	87	19	108	115	120	707029	4.80	
110	M110x 1.5	88	62	103	19	110	128	135	707030	4.70	

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	66	27	30	707013	0.19	
20	M20 x 1.5	M25 x 1.5	11	9	15	15	66	27	30	707014	0.18	
25S	M25 x 1.5	M25 x 1.5	11	14	22	15	67	27	30	707015	0.23	
25	M25 x 1.5	M32 x 1.5	17	14	22	15	66	34	37	707016	0.22	
32S	M32 x 1.5	M32 x 1.5	17	19	28	17	73	34	37	707017	0.26	
32	M32 x 1.5	M40 x 1.5	22	19	28	17	73	41	45	707018	0.24	
40S	M40 x 1.5	M40 x 1.5	25	24	28	19	76	41	45	707019	0.32	
40	M40 x 1.5	M50 x 1.5	25	27	33	19	76	50	55	707020	0.29	
50S	M50 x 1.5	M50 x 1.5	33	29	35	19	85	50	55	707021	0.39	
50	M50 x 1.5	M63 x 1.5	33	34	41	19	85	60	65	707022	0.36	
63S	M63 x 1.5	M63 x 1.5	42	38	45	19	91	60	65	707023	0.48	
63	M63 x 1.5	M75 x 1.5	42	44	52	19	91	72	77	707024	0.45	
75S	M75 x 1.5	M75 x 1.5	42	44	52	19	91	72	77	707031	3.00	
75	M90 x 1.5	M90 x 1.5	61	47	74	19	115	100	105	707032	2.85	
90S	M90 x 1.5	M90 x 1.5	61	47	74	19	115	100	105	707033	4.05	
90	M110 x 1.5	M110 x 1.5	73	55	87	19	126	115	120	707034	3.95	
110S	M110x 1.5	M110 x 1.5	73	55	87	19	126	115	120	707035	5.05	
110	M125x 1.5	M125 x 1.5	88	62	103	19	129	128	135	707036	4.95	

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 with locknut and seal gasket.

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

