

Cable Glands

DQM-II/IV Series Explosion-proof Cable Glands (Ex db IIC Ex eb IIC)

Unarmored Double Seal

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 20, Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ Ex db, Ex eb structure; available in stainless steel or nickel plated brass.
- ◆ Double seal, suitable for unarmored and braided cable.



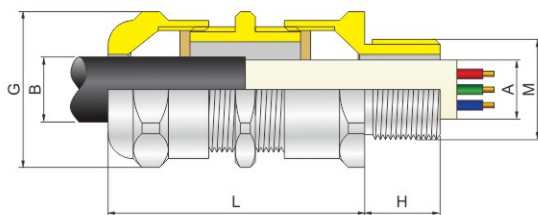
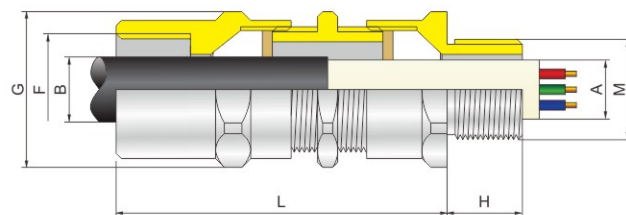
Steel pipe wiring

Cable wiring

Technical data

Explosion-proof cable glands DQM-II/IV (unarmored double seal)

Explosion protection	IECEX(applied for)
Global (IECEX)	Ex db IIC Gb (M and NPT thread)
Gas and dust	Ex eb IIC Gb (M, NPT and G thread)
	Ex ta IIIC Da (M and NPT thread)
Europe (ATEX)	ATEX(applied for)
Gas and dust	⊕ II 2 G Ex db IIC Gb (M and NPT thread)
	⊕ II 2 G Ex eb IIC Gb (M, NPT and G thread)
	⊕ II 1 D Ex ta IIIC Da (M and NPT thread)
Certificates	IECEX; ATEX
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
Ambient temperature	-60°C~+110°C
Connection thread	Metric thread is standard type; G thread or NPT thread is optional

Cable wiring
DQM-II/IV-DSteel pipe wiring
DQM-II/IV-G

Cable Glands

DQM-II/IV Series Explosion-proof Cable Glands (Ex db IIC Ex eb IIC)

Unarmored Double Seal

Selection table of cable wiring (DQM-II/IV-D)

Entry thread "M"			Spec. code	Cable outer diameter A (mm)		Cable outer diameter B (mm)		Minimum thread length H (mm)	Nominal protrusion length L (mm)	Across corners G (mm)	Ordering code	Weight (kg)
Metric	NPT	G		Min	Max	Min	Max					
M16	3/8"	3/8"	-	2	5	2	5	15	48	24	709201	0.08
M20	1/2"	1/2"	A	3	8.5	3	8.5	15	48	31	709202	0.11
M20	1/2"	1/2"	B	6	12	6	12	15	50	31	709203	0.13
M20	1/2"	1/2"	C	7	14	7	14	15	50	31	709204	0.13
M25	3/4"	3/4"	-	11	20	11	20	15	54	40	709205	0.18
M32	1"	1"	-	18	25	18	25	15	58	45	709206	0.24
M40	1 1/4"	1 1/4"	-	25	32	25	32	19	58	54	709207	0.35
M50	1 1/2"	1 1/2"	B	32	38	32	38	19	63	65	709208	0.50
M50	2"	2"	C	38	44	38	44	19	68	67	709209	0.50
M63	2"	2"	B	43	50	43	50	19	69	77	709210	0.74
M63	2 1/2"	2 1/2"	C	49	56	49	56	19	75	82	709211	0.76
M75	2 1/2"	2 1/2"	B	54	62	54	62	19	80	88	709212	1.02
M75	3"	2 1/2"	C	62	68	62	68	19	89	93	709213	1.04
M90	3 1/2"	3"	-	66.5	80	66.5	80	19	102	110	709214	1.57
M100	4"	3 1/2"	-	76	91	76	91	19	106	120	709215	1.77
M115	4"	4"	-	86	98	86	98	19	106	137	709216	2.42

Selection table of steel pipe wiring (DQM-II/IV-G)

Entry thread "M"			Entry thread "F"			Spec. code	Cable outer diameter A (mm)		Cable outer diameter B (mm)		Minimum thread length H (mm)	Nominal protrusion length L (mm)	Across corners G (mm)	Ordering code	Weight (kg)
Metric	NPT	G	Metric	NPT	G		Min	Max	Min	Max					
M16	3/8"	3/8"	M16	3/8"	3/8"	-	2	5	2	5	15	63	24	709217	0.10
M20	1/2"	1/2"	M20	1/2"	1/2"	A	3	8.5	3	8.5	15	63	31	709218	0.12
M20	1/2"	1/2"	M20	1/2"	1/2"	B	6	12	6	12	15	65	31	709219	0.15
M20	1/2"	1/2"	M20	1/2"	1/2"	C	7	14	7	14	15	65	31	709220	0.15
M25	3/4"	3/4"	M25	3/4"	3/4"	-	11	20	11	20	15	69	40	709221	0.21
M32	1"	1"	M32	1"	1"	-	18	25	18	25	15	73	45	709222	0.28
M40	1 1/4"	1 1/4"	M40	1 1/4"	1 1/4"	-	25	32	25	32	19	77	54	709223	0.41
M50	1 1/2"	1 1/2"	M50	1 1/2"	1 1/2"	B	32	38	32	38	19	82	65	709224	0.58
M50	2"	2"	M50	1 1/2"	1 1/2"	C	38	44	38	44	19	87	67	709225	0.60
M63	2"	2"	M63	2"	2"	B	43	50	43	50	19	88	77	709226	0.84
M63	2 1/2"	2 1/2"	M63	2"	2"	C	49	56	49	56	19	94	82	709227	0.86
M75	2 1/2"	2 1/2"	M75	2 1/2"	2 1/2"	B	54	62	54	62	19	99	88	709228	1.16
M75	3"	2 1/2"	M75	2 1/2"	2 1/2"	C	62	68	62	68	19	108	93	709229	1.18
M90	3 1/2"	3"	M90	3"	3"	-	66.5	80	66.5	80	19	121	110	709230	1.80
M100	4"	3 1/2"	M100	3 1/2"	3 1/2"	-	76	91	76	91	19	125	120	709231	2.05
M115	4"	4"	M115	4"	4"	-	86	98	86	98	19	125	137	709232	2.80

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 P6/48.

3. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

