

Cable Glands

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

Unarmored Single 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, Ex e structure; available in stainless steel or nickel plated brass.
- ◆ Single seal, suitable for unarmored cable.



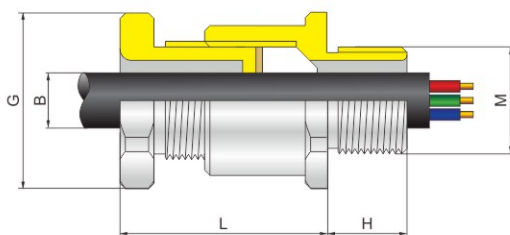
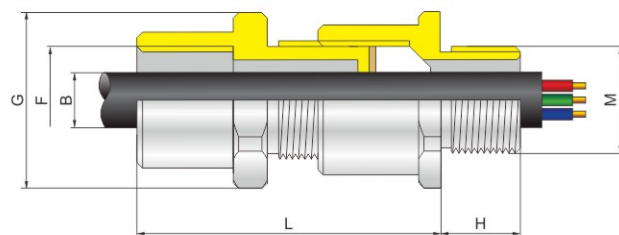
Steel pipe wiring

Cable wiring

Technical data

Explosion-proof cable glands DQM-II/I (unarmored single seal)

Explosion protection	
Global (IECEX)	IECEX LCI 08.0011X
Gas and dust	Ex d IIC Gb Ex e IIC Gb
Europe (ATEX)	Ex tb IIIC Db IP66 LCIE 06 ATEX 6100X
Gas and dust	⊕ II 2 G Ex d IIC Gb ⊕ II 2 G Ex e IIC Gb ⊕ II 2 D Ex tb IIIC Db IP66
Certificates	IECEX; ATEX; CU-TR
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~+100°C
Connection thread	Metric thread is standard type; G thread or NPT thread is optional

Cable wiring
DQM-II/I-DSteel pipe wiring
DQM-II/I-D

Cable Glands

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

Unarmored Single Seal

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

Entry thread "M"		Spec. code	Cable outer diameter B (mm)				Minimum thread length H (mm)	Nominal protrusion length L (mm)	Across corners G (mm)	Ordering code	Weight (kg)
			Standard Seal		Alternative Seal						
Metric	NPT/G		Min	Max	Min	Max					
M20	1/2"	A	6.5	10.5	4	8	15	33	31	708001	0.15
M20	1/2"	B	10	14.5	8	12	15	38	31	708002	0.15
M25	3/4"	-	14.5	19.5	11	15.5	15	42	37	708003	0.20
M32	1"	-	19	25.5	17	21.5	15	44	45	708004	0.30
M40	1 1/4"	-	25	32	22	28	19	47	54	708005	0.45
M50	1 1/2"	-	31.5	39	27.5	35	19	49	65	708006	0.70
M63	2"	-	40	50	35	42	19	61	77	708007	0.90
M75	2 1/2"	-	54.5	NPT: 60.0	48.5	58	19	66	93	708008	2.30
				M/G: 64.0							
M90	3"	-	63	75	-	-	19	69	110	708009	2.50
M115	4"	-	75	90	-	-	19	75	137	708010	4.60

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

Entry thread "M"		Entry thread "F"		Spec. code	Cable outer diameter B (mm)				Minimum thread length H (mm)	Nominal protrusion length L (mm)	Across corners G (mm)	Ordering code	Weight (kg)
					Standard Seal		Alternative Seal						
Metric	NPT/G	Metric	NPT/G		Min	Max	Min	Max					
M20	1/2"	M20	1/2"	A	6.5	10.5	4	8	15	48	31	708023	0.18
M20	1/2"	M20	1/2"	B	10	14.5	8	12	15	53	31	708024	0.18
M25	3/4"	M25	3/4"	A	10	14.5	8	12	15	53	35	708025	0.23
M25	3/4"	M25	3/4"	B	14.5	19.5	11	15.5	15	57	37	708026	0.25
M32	1"	M32	1"	A	14.5	19.5	11	15.5	15	61	42	708027	0.32
M32	1"	M32	1"	B	19	25.5	17	21.5	15	63	45	708028	0.35
M40	1 1/4"	M40	1 1/4"	A	19	25.5	17	21.5	19	63	54	708029	0.45
M40	1 1/4"	M40	1 1/4"	B	25	32	22	28	19	66	54	708030	0.52
M50	1 1/2"	M50	1 1/2"	A	25	32	22	28	19	66	60	708031	0.65
M50	1 1/2"	M50	1 1/2"	B	31.5	39	27.5	35	19	68	65	708032	0.78
M63	2"	M63	2"	A	31.5	39	27.5	35	19	68	72	708033	0.85
M63	2"	M63	2"	B	40	50	35	42	19	80	77	708034	1.00
M75	2 1/2"	M75	2 1/2"	-	54.5	NPT: 60.0	48.5	58	19	85	93	708035	2.50
						M/G: 64.0							
M90	3"	M90	3"	-	63	75	-	-	19	88	110	708036	3.00
M115	4"	M115	4"	-	75	90	-	-	19	94	137	708037	4.00

- 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.

