

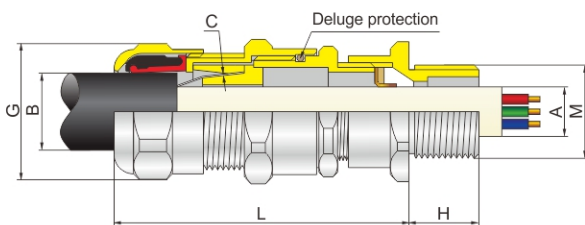
Cable Glands

DQM-II Series Explosion-proof Cable Glands (For Lead Sheathed Cable)(Ex d IIC Ex e IIC) Armored Double Seal

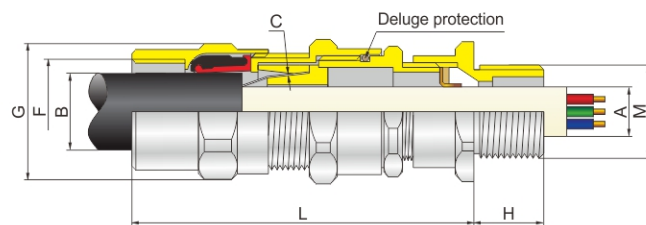
- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ Ex d, Ex e structure; available in stainless steel or nickel plated brass.
- ◆ Double seal, suitable for both lead sheathed armored cable.
- ◆ EMC Cable Gland. (360° contact) - EMC tested.
- ◆ Provides a seal and an electrical bond on the cables lead inner sheath.



Technical data	
Explosion-proof cable glands	DQM-II (armored double seal)
Explosion protection	
Global (IECEX)	IECEX LCI 08.0011X
Gas and dust	Ex d IIC Gb Ex e IIC Gb Ex tb IIIC Db IP66
Europe (ATEX)	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
(For lead-sheathed cables)



Steel pipe wiring
(For lead-sheathed cables)

Cable Glands

DQM-II Series Explosion-proof Cable Glands (For Lead Sheathed Cable)(Ex d IIC Ex e IIC)
Armored Double Seal

Selection table of cable wiring

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)	Armour/Braid(C)				Ordering code	Weight (kg)
		Standard Seal		Alternative Seal (K)		Standard						Alternative (AR)					
		Min	Max	Min	Max	X	W					X	W				
M20	1/2"	A	4.0	8.0	-	-	5.5	12.0	15	70	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709101	0.16
M20	1/2"	B	6.5	10.5	-	-	9.0	16.0	15	70	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709102	0.16
M20	1/2"	C	10.0	14.5	8.0	12.0	12.5	20.5	15	76	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709103	0.22
M25	3/4"	A	6.5	10.5	-	-	9.0	16.0	15	70	35	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709104	0.17
M25	3/4"	B	10.0	14.5	8.0	12.0	12.5	20.5	15	72	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709105	0.23
M25	3/4"	C	14.5	19.5	11.0	15.5	17.0	26.0	15	82	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	709106	0.34
M32	1"	A	10.0	14.5	8.0	12.0	12.5	20.5	15	72	42	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709107	0.26
M32	1"	B	14.5	19.5	11.0	15.5	17.0	26.0	15	77	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	709108	0.35
M32	1"	C	19.0	25.5	17.0	21.5	22.0	33.0	15	89	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	709109	0.40
M40	1 1/4"	A	14.5	19.5	11.0	15.5	17.0	26.0	19	77	54	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	709110	0.41
M40	1 1/4"	B	19.0	25.5	17.0	21.5	22.0	33.0	19	83	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	709111	0.43
M40	1 1/4"	C	25.0	32.0	22.0	28.0	28.0	41.0	19	101	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709112	0.74
M50	1 1/2"	A	19.0	25.5	17.0	21.5	22.0	33.0	19	83	65	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	709113	0.55
M50	1 1/2"	B	25.0	32.0	22.0	28.0	28.0	41.0	19	97	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709114	0.80
M50	1 1/2"	C	31.5	39.0	27.5	35.0	36.0	52.5	19	114	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709115	1.10
M63	2"	A	25.0	32.0	22.0	28.0	28.0	41.0	19	97	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709116	0.98
M63	2"	B	31.5	39.0	27.5	35.0	36.0	52.5	19	108	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709117	1.20
M63	2"	C	42.5	50.0	39.0	46.5	46.0	65.0	19	137	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	709118	2.50
M75	2 1/2"	A	31.5	39.0	27.5	35.0	36.0	52.5	19	108	90	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709119	1.50
M75	2 1/2"	B	42.5	55.5	39.0	46.5	46.0	65.0	19	135	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	709120	2.80
M75	2 1/2"	C	54.5	NPT: 60.0 M/G: 64.0	48.5	58.0	57.0	78.0	19	145	110	0~1.5	2.0~3.5	*	*	709121	2.90

Selection table of steel pipe wiring

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)	Armour/Braid(C)				Ordering code	Weight (kg)			
			Standard Seal		Alternative Seal (K)						Standard		Alternative (AR)						
			Min	Max	Min	Max					X	W	X	W					
M20	1/2"	M20	1/2"	A	4.0	8.0	-	-	5.5	12.0	15	85	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709124	0.19
M20	1/2"	M20	1/2"	B	6.5	10.5	-	-	9.0	16.0	15	85	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709125	0.19
M20	1/2"	M25	3/4"	C	10.0	14.5	8.0	12.0	12.5	20.5	15	91	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709126	0.26
M25	3/4"	M20	1/2"	A	6.5	10.5	-	-	9.0	16.0	15	85	35	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709127	0.20
M25	3/4"	M25	3/4"	B	10.0	14.5	8.0	12.0	12.5	20.5	15	87	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709128	0.27
M25	3/4"	M32	1"	C	14.5	19.5	11.0	15.5	17.0	26.0	15	97	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	709129	0.40
M32	1"	M25	3/4"	A	10.0	14.5	8.0	12.0	12.5	20.5	15	87	42	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	709130	0.30
M32	1"	M32	1"	B	14.5	19.5	11.0	15.5	17.0	26.0	15	96	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	709131	0.41
M32	1"	M40	1 1/4"	C	19.0	25.5	17.0	21.5	22.0	33.0	15	108	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	709132	0.46
M40	1 1/4"	M32	1"	A	14.5	19.5	11.0	15.5	17.0	26.0	19	96	54	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	709133	0.45
M40	1 1/4"	M40	1 1/4"	B	19.0	25.5	17.0	21.5	22.0	33.0	19	102	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	709134	0.50
M40	1 1/4"	M50	1 1/2"	C	25.0	32.0	22.0	28.0	28.0	41.0	19	120	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709135	0.82
M50	1 1/2"	M40	1 1/4"	A	19.0	25.5	17.0	21.5	22.0	33.0	19	102	65	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	709136	0.61
M50	1 1/2"	M50	1 1/2"	B	25.0	32.0	22.0	28.0	28.0	41.0	19	116	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709137	0.88
M50	1 1/2"	M63	2"	C	31.5	39.0	27.5	35.0	36.0	52.5	19	133	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709138	1.20
M63	2"	M50	1 1/2"	A	25.0	32.0	22.0	28.0	28.0	41.0	19	116	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709139	1.06
M63	2"	M63	2"	B	31.5	39.0	27.5	35.0	36.0	52.5	19	127	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709140	1.30
M63	2"	M75	2 1/2"	C	42.5	50.0	39.0	46.5	46.0	65.0	19	156	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	709141	2.60
M75	2 1/2"	M63	2"	A	31.5	39.0	27.5	35.0	36.0	52.5	19	127	90	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	709142	1.60
M75	2 1/2"	M75	2 1/2"	B	42.5	55.5	39.0	46.5	46.0	65.0	19	154	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	709143	3.00
M75	2 1/2"	M90	3"	C	54.5	NPT: 60.0 M/G: 64.0	48.5	58.0	57.0	78.0	19	164	110	0~1.5	2.0~3.5	*	*	709144	3.20

- Note:** 1. Standard material is nickel plated brass. Stainless steel is optional. Above weight is based upon nickel plated brass.
2. Earth lug, shroud and cable clamp on request. See P6/47~48.
3. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

