

Cable Glands

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

Armored Dual Seal



Cable wiring



Steel pipe wiring

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

Explosion protection

Global (IECEX)

Gas and dust

Europe (ATEX)

Gas and dust

Certificates

Conformity to standards

Gland material

Degree of protection

Ambient temperature

Connection thread

IECEX LCI 08.0011X

Ex d IIC Gb

Ex e IIC Gb

Ex tb IIIC Db IP66

LCIE 06 ATEX 6100X

⊕ II 2 G Ex d IIC Gb

⊕ II 2 G Ex e IIC Gb

⊕ II 2 D Ex tb IIIC Db IP66

IECEX; ATEX; CU-TR

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31

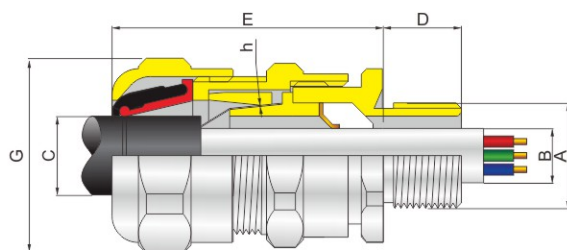
IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

Stainless steel or nickel plated brass

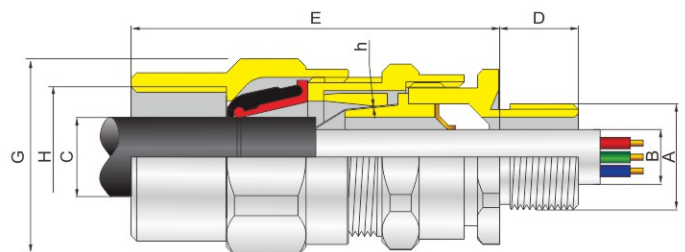
IP66 (IP67 optional)

-60°C~+100°C

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



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Steel pipe wiring

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Armored Dual Seal

Selection table of cable wiring

Gland size	Entry thread "A"		Cable outer diameter B (mm)				Cable outer diameter C (mm)		Minimum thread length D (mm)	Nominal protrusion length E (mm)	Across corners G (mm)	Armour/Braid(h)		Ordering code	Weight (kg)
			Standard Seal		Alternative Seal		Min	Max				X	W		
	Metric	NPT/G	Min	Max	Min	Max									
20A	M20	1/2"	4.0	8.0	-	-	5.5	12.0	15	59	31	0~0.8	0.8~1.6	709101	0.12
20B	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	59	31	0~0.8	0.8~1.6	709102	0.15
20C	M20	1/2"	10	14.5	8.5	13.0	12.5	20.5	15	61	37	0~0.8	0.8~1.6	709103	0.15
25A	M25	3/4"	6.5	10.5	-	-	9.0	16.0	15	59	37	0~0.8	0.8~1.6	709104	0.15
25B	M25	3/4"	10.0	14.5	8.5	13.0	12.5	20.5	15	61	37	0~0.8	0.8~1.6	709105	0.19
25C	M25	3/4"	12.5	19.5	9.5	15.5	17.0	26.0	15	68	45	0~0.8	0.8~1.6	709106	0.18
32A	M32	1"	10	14.5	8.5	13.0	12.5	20.5	19	61	45	0~0.8	0.8~1.6	709107	0.18
32B	M32	1"	12.5	19.5	9.5	15.5	17.0	26.0	19	68	45	0~0.8	0.8~1.6	709108	0.22
32C	M32	1"	19	25.5	14.5	21.0	22.0	33.0	19	76	54	0~1.0	1.0~2.0	709109	0.30
40A	M40	1 1/4"	12.5	19.5	9.5	15.5	17.0	26.0	19	68	54	0~0.8	0.8~1.6	709110	0.30
40B	M40	1 1/4"	19.0	25.5	14.5	21.0	22.0	33.0	19	76	54	0~1.0	1.0~2.0	709111	0.40
40C	M40	1 1/4"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.2	1.2~2.5	709112	0.40
50A	M50	1 1/2"	19.0	25.5	14.5	21.0	22.0	33.0	19	76	65	0~1.0	1.0~2.0	709113	0.40
50B	M50	1 1/2"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.2	1.2~2.5	709114	0.60
50C	M50	1 1/2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.2	1.2~2.5	709115	0.80
63A	M63	2"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	77	0~1.2	1.2~2.5	709116	0.90
63B	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.2	1.2~2.5	709117	1.00
63C	M63	2"	42.5	50.0	39.0	46.5	46.0	65.0	19	112	93	0~1.2	1.5~2.5	709118	1.20
75A	M75	2 1/2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	90	0~1.2	1.2~2.5	709119	2.50
75B	M75	2 1/2"	42.5	55.5	39.0	46.5	46.0	65.0	19	112	93	0~1.2	1.5~2.5	709120	2.80
75C	M75	2 1/2"	54.5	64.0	48.5	58.0	57.0	78.0	19	119	110	0~1.5	2.0~3.5	709121	2.90
90	M90	3"	63.0	75.0	-	-	68.0	88.0	19	121	121	0~1.5	2.0~3.5	709122	3.90
115	M115	4"	75.0	90.0	-	-	83.0	103.0	19	126	137	0~1.5	2.0~3.5	709123	4.55

Selection table of steel pipe wiring

Gland size	Entry thread "A"		Entry thread "H"		Cable outer diameter B (mm)				Cable outer diameter C (mm)		Minimum thread length D (mm)	Nominal protrusion length E (mm)	Across corners G (mm)	Armour/Braid(h)		Ordering code	Weight (kg)
	Metric	NPT/G	Metric	NPT/G	Standard Seal		Alternative Seal		Min	Max				X	W		
					Min	Max	Min	Max									
20A	M20	1/2"	M20	1/2"	4.0	8.0	-	-	5.5	12.0	15	74	31	0~0.8	0.8~1.6	709124	0.15
20B	M20	1/2"	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	74	31	0~0.8	0.8~1.6	709125	0.20
20C	M20	1/2"	M25	3/4"	10	14.5	8.5	13.0	12.5	20.5	15	96	37	0~0.8	0.8~1.6	709126	0.20
25A	M25	3/4"	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	74	37	0~0.8	0.8~1.6	709127	0.20
25B	M25	3/4"	M25	3/4"	10.0	14.5	8.5	13.0	12.5	20.5	15	76	37	0~0.8	0.8~1.6	709128	0.24
25C	M25	3/4"	M32	1"	12.5	19.5	9.5	15.5	17.0	26.0	15	83	45	0~0.8	0.8~1.6	709129	0.27
32A	M32	1"	M25	3/4"	10	14.5	8.5	13.0	12.5	20.5	19	76	45	0~0.8	0.8~1.6	709130	0.28
32B	M32	1"	M32	1"	12.5	19.5	9.5	15.5	17.0	26.0	19	87	45	0~0.8	0.8~1.6	709131	0.27
32C	M32	1"	M40	1 1/4"	19	25.5	14.5	21.0	22.0	33.0	19	95	54	0~1.0	1.0~2.0	709132	0.33
40A	M40	1 1/4"	M32	1"	12.5	19.5	9.5	15.5	17.0	26.0	19	87	54	0~0.8	0.8~1.6	709133	0.33
40B	M40	1 1/4"	M40	1 1/4"	19.0	25.5	14.5	21.0	22.0	33.0	19	95	54	0~1.0	1.0~2.0	709134	0.36
40C	M40	1 1/4"	M50	1 1/2"	25.0	32.0	22.0	28.0	28.0	41.0	19	103	65	0~1.2	1.2~2.5	709135	0.45
50A	M50	1 1/2"	M40	1 1/4"	19.0	25.5	14.5	21.0	22.0	33.0	19	95	65	0~1.0	1.0~2.0	709136	0.45
50B	M50	1 1/2"	M50	1 1/2"	25.0	32.0	22.0	28.0	28.0	41.0	19	103	65	0~1.2	1.2~2.5	709137	0.70
50C	M50	1 1/2"	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	118	77	0~1.2	1.2~2.5	709138	0.85
63A	M63	2"	M50	1 1/2"	25.0	32.0	22.0	28.0	28.0	41.0	19	103	77	0~1.2	1.2~2.5	709139	1.20
63B	M63	2"	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	118	77	0~1.2	1.2~2.5	709140	1.50
63C	M63	2"	M75	2 1/2"	42.5	50.0	39.0	46.5	46.0	65.0	19	131	93	0~1.2	1.5~2.5	709141	1.80
75A	M75	2 1/2"	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	118	90	0~1.2	1.2~2.5	709142	2.80
75B	M75	2 1/2"	M75	2 1/2"	42.5	55.5	39.0	46.5	46.0	65.0	19	131	93	0~1.2	1.5~2.5	709143	3.10
75C	M75	2 1/2"	M90	3"	54.5	64.0	48.5	58.0	57.0	78.0	19	138	110	0~1.5	2.0~3.5	709144	3.50
90	M90	3"	M115	4"	63.0	75.0	-	-	68.0	88.0	19	140	121	0~1.5	2.0~3.5	709145	4.10
115	M115	4"	M125	4 1/2"	75.0	90.0	-	-	83.0	103.0	19	145	137	0~1.5	2.0~3.5	709146	4.90

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 P7/36~37.
 3. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

