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

- 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, made of plastic, black.
- Single seal, suitable for unarmored cable.

Technical data

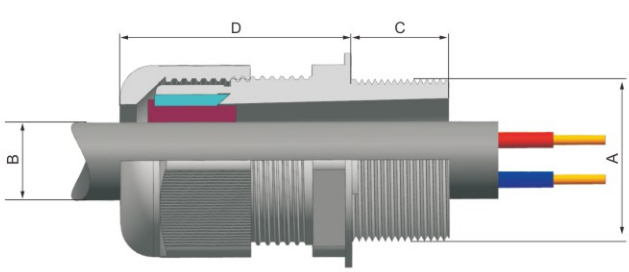
Explosion-proof cable glands DQM-I (plastic unarmored)

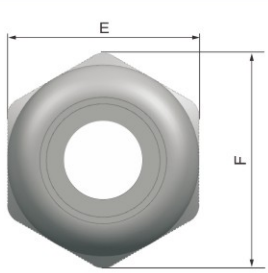
Explosion protection	
Global (IECEx)	IECEx CQM 07.0009
Gas	Ex e II
Europe (ATEX)	PTB 04 ATEX 1087X
Gas	Ⓔx II 2 G Ex e IIC Gb
Certificates	IECEx; ATEX; CU-TR
Conformity to standards	EN 60079-0, EN 60079-7; IEC 60079-0, IEC 60079-7
Gland material	Plastic, black
Degree of protection	IP65
Ambient temperature	-20℃~+55℃
Connection thread	Metric thread is standard type; G thread is optional, but limited at G3/4″; NPT thread is not suitable

Selection table

Gland size	Entry thread "A"	Cable outer diameter B (mm)		Minimum thread length C (mm)	Nominal protrusion length D (mm)	Across flats E (mm)	Across corners F (mm)	Ordering code	Weight (kg)
		Min	Max						
16	M16 x 1.5	5	8	15	27	19	21	705001	0.05
20	M20 x 1.5	6	10	15	29	24	26	705002	0.05
25	M25 x 1.5	9	12	15	33	30	33	705003	0.05
		12	16						
3/4	G 3/4"	9	12	15	33	30	33	705004	0.05
		12	16						
32	M32 x 1.5	10	18	15	35	41	45	705005	0.05
40	M40 x 1.5	17	25	14	46	50	55	705006	0.10
50	M50 x 1.5	23	32	14	51	57	63	705007	0.11
63	M63 x 1.5	32	44	15	51	70	78	705008	0.15

Note: 1. Supplied with locknut (nickel plated brass) and seal gasket, without stopping rod.
2. Stopping rod on request. See P7/35.





Cable Glands
DQM-I Series Explosion-proof Cable Glands (Ex eb IIC)
Metal Unarmored

- 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 2, Groups A , B, C, D
- Ex e structure; available in stainless steel or nickel plated brass.
- Single seal, suitable for unarmored cable.

Technical data

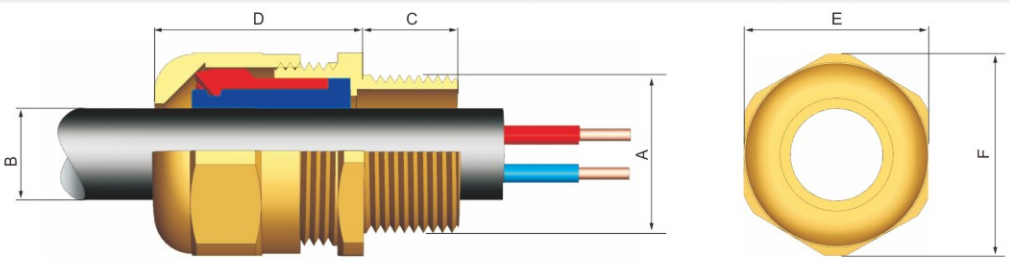
Explosion-proof cable glands DQM-I (metal unarmored)

Explosion protection	
Global (IECEx)	IECEx EUT 17.0001X
Gas and dust	Ex eb IIC Gb Ex tb IIIC Db IP66 / IP67
Europe (ATEX)	EPT 15 ATEX 1965
Gas and dust	Ⓔx II 2 G Ex e IIC Gb Ⓔx II 2 D Ex tb IIIC Db IP66 / IP67
Certificates	IECEx; ATEX; CU-TR
Conformity to standards	EN 60079-0, EN 60079-7, EN 60079-31 IEC 60079-0, IEC 60079-7, IEC 60079-31
Gland material	Stainless steel or nickel plated brass
Degree of protection	IP66 / IP67
Ambient temperature	-60℃ ~ +100℃
Connection thread	Metric thread is standard type; G thread or NPT thread is optional

Selection table

Gland size	Entry thread "A"			Cable outer diameter B (mm)		Minimum thread length C (mm)	Nominal protrusion length D (mm)	Across flats E (mm)	Across corners F (mm)	Ordering code	Weight (kg)
	Metric	NPT	G	Min	Max						
20	M20	1/2"	1/2"	5	10	15	33	27	30	706001	0.15
25	M25	3/4"	3/4"	9	14	15	33	32	35	706002	0.15
32	M32	1"	1"	13	18	19	37	38	41	706003	0.30
40	M40	1 1/4"	1 1/4"	17	24	19	40	47	50	706004	0.50
50	M50	1 1/2"	1 1/2"	22	32	19	40	55	60	706005	0.55
63	M63	2"	2"	31	44	19	53	68	72	706006	0.70
75	M75	2 1/2"	2 1/2"	43	56	19	53	80	85	706007	0.90

Note: 1. Standard material is nickel plated brass. Stainless steel is optional. Above weight is based upon nickel plated brass.
2. Supplied with locknut and seal gasket.
3. Earth lug and shroud on request. See P7/36~37.
4. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.



Cable Glands
DQM-I Series Explosion-proof Cable Glands (Ex eb IIC)
Metal Armored

Cable wiring

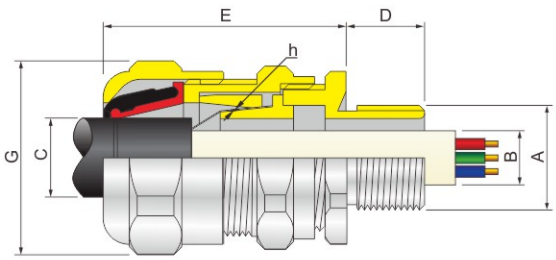
Steel pipe wiring

- 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 2, Groups A , B, C, D
- Ex e structure; available in stainless steel or nickel plated brass.
- Single seal, suitable for both armored and unarmored cable.
- EMC Cable Gland. (360° contact) - EMC tested.

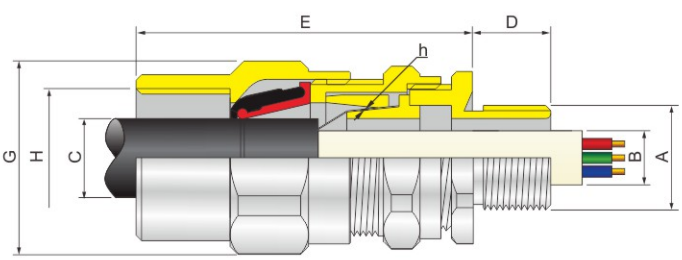
Technical data

Explosion-proof cable glands DQM-I (metal armored)

Explosion protection	
Global (IECEx)	IECEx EUT 17.0001X
Gas and dust	Ex eb IIC Gb
	Ex tb IIIC Db IP66 / IP67
Europe (ATEX)	EPT 15 ATEX 1965
Gas and dust	Ⓔx II 2 G Ex e IIC Gb
	Ⓔx II 2 D Ex tb IIIC Db IP66 / IP67
Certificates	IECEx; ATEX; CU-TR
Conformity to standards	EN 60079-0, EN 60079-7, EN 60079-31
	IEC 60079-0, IEC 60079-7, IEC 60079-31
Gland material	Stainless steel or nickel plated brass
Degree of protection	IP66 / IP67
Ambient temperature	-60℃ ~ +100℃
Connection thread	Metric thread is standard type; G thread or NPT thread is optional



Cable wiring



Steel pipe wiring

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)
	Metric	NPT/G	Max	Min	Max				X	W		
20A	M20	1/2"	10.5	5.5	12.0	15	51	31	0~0.6	0.8~1.4	707001	0.11
20B	M20	1/2"	10.5	9.0	16.0	15	51	31	0~0.6	0.8~1.4	707002	0.14
20C	M20	1/2"	14.5	12.5	20.5	15	53	37	0~0.6	0.8~1.4	707003	0.14
25A	M25	3/4"	10.5	9.0	16.0	15	51	37	0~0.6	0.8~1.4	707004	0.18
25B	M25	3/4"	14.5	12.5	20.5	15	53	37	0~0.6	0.8~1.4	707005	0.17
25C	M25	3/4"	19.5	17.0	26.0	15	58	45	0~0.7	1.0~1.7	707006	0.17
32A	M32	1"	14.5	12.5	20.5	19	53	45	0~0.6	0.8~1.4	707007	0.20
32B	M32	1"	19.5	17.0	26.0	19	58	45	0~0.7	1.0~1.7	707008	0.26
32C	M32	1"	25.5	22.0	33.0	19	62	54	0~0.8	1.0~1.7	707009	0.28
40A	M40	1 1/4"	19.5	17.0	26.0	19	58	54	0~0.7	1.0~1.7	707010	0.28
40B	M40	1 1/4"	25.5	22.0	33.0	19	62	54	0~0.8	1.0~1.7	707011	0.31
40C	M40	1 1/4"	31.0	28.0	41.0	19	69	65	0~1.0	1.0~2.0	707012	0.37
50A	M50	1 1/2"	25.5	22.0	33.0	19	62	65	0~0.8	1.0~1.7	707013	0.37
50B	M50	1 1/2"	31.0	28.0	41.0	19	69	65	0~1.0	1.0~2.0	707014	0.55
50C	M50	1 1/2"	37.0	36.0	52.5	19	77	77	0~1.0	1.0~2.0	707015	0.70
63A	M63	2"	31.0	28.0	41.0	19	69	77	0~1.0	1.0~2.0	707016	0.85
63B	M63	2"	37.0	36.0	52.5	19	77	77	0~1.0	1.0~2.0	707017	1.00
63C	M63	2"	49.0	46.0	65.0	19	95	93	0~1.2	1.5~2.7	707018	1.30
75A	M75	2 1/2"	37.0	36.0	52.5	19	77	90	0~1.0	1.0~2.0	707019	2.40
75B	M75	2 1/2"	55.0	46.0	65.0	19	95	93	0~1.2	1.5~2.7	707020	2.70
75C	M75	2 1/2"	64.0	57.0	78.0	19	100	110	0~1.5	2.0~3.5	707021	2.80
90	M90	3"	75.0	68.0	88.0	19	100	121	0~1.5	2.0~3.5	707022	3.70
115	M115	4"	90.0	83.0	103.0	19	106	137	0~1.5	2.0~3.5	707023	4.40

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	Max	Min	Max				X	W		
20A	M20	1/2"	M20	1/2"	10.5	5.5	12.0	15	66	31	0~0.6	0.8~1.4	707024	0.14
20B	M20	1/2"	M20	1/2"	10.5	9.0	16.0	15	66	31	0~0.6	0.8~1.4	707025	0.18
20C	M20	1/2"	M25	3/4"	14.5	12.5	20.5	15	66	37	0~0.6	0.8~1.4	707026	0.18
25A	M25	3/4"	M20	1/2"	10.5	9.0	16.0	15	66	37	0~0.6	0.8~1.4	707027	0.23
25B	M25	3/4"	M25	3/4"	14.5	12.5	20.5	15	68	37	0~0.6	0.8~1.4	707028	0.25
25C	M25	3/4"	M32	1"	19.5	17.0	26.0	15	73	45	0~0.7	1.0~1.7	707029	0.25
32A	M32	1"	M25	3/4"	14.5	12.5	20.5	19	68	45	0~0.6	0.8~1.4	707030	0.25
32B	M32	1"	M32	1"	19.5	17.0	26.0	19	77	45	0~0.7	1.0~1.7	707031	0.30
32C	M32	1"	M40	1 1/4"	25.5	22.0	33.0	19	77	54	0~0.8	1.0~1.7	707032	0.32
40A	M40	1 1/4"	M32	1"	19.5	17.0	26.0	19	77	54	0~0.7	1.0~1.7	707033	0.32
40B	M40	1 1/4"	M40	1 1/4"	25.5	22.0	33.0	19	81	54	0~0.8	1.0~1.7	707034	0.32
40C	M40	1 1/4"	M50	1 1/2"	31.0	28.0	41.0	19	89	65	0~1.0	1.0~2.0	707035	0.42
50A	M50	1 1/2"	M40	1 1/4"	25.5	22.0	33.0	19	81	65	0~0.8	1.0~1.7	707036	0.42
50B	M50	1 1/2"	M50	1 1/2"	31.0	28.0	41.0	19	88	65	0~1.0	1.0~2.0	707037	0.65
50C	M50	1 1/2"	M63	2"	37.0	36.0	52.5	19	97	77	0~1.0	1.0~2.0	707038	0.80
63A	M63	2"	M50	1 1/2"	31.0	28.0	41.0	19	86	77	0~1.0	1.0~2.0	707039	0.98
63B	M63	2"	M63	2"	37.0	36.0	52.5	19	97	77	0~1.0	1.0~2.0	707040	0.35
63C	M63	2"	M75	2 1/2"	49.0	46.0	65.0	19	112	93	0~1.2	1.5~2.7	707041	1.65
75A	M75	2 1/2"	M63	2"	37.0	36.0	52.5	19	96	90	0~1.0	1.0~2.0	707042	2.70
75B	M75	2 1/2"	M75	2 1/2"	55.0	46.0	65.0	19	112	93	0~1.2	1.5~2.7	707043	3.00
75C	M75	2 1/2"	M90	3"	64.0	57.0	78.0	19	119	110	0~1.5	2.0~3.5	707044	3.40
90	M90	3"	M115	4"	75.0	68.0	88.0	19	119	121	0~1.5	2.0~3.5	707045	4.00
115	M115	4"	M125	4 1/2"	90.0	83.0	103.0	19	125	137	0~1.5	2.0~3.5	707046	4.80

Note: 1. Standard material is nickel plated brass. Stainless steel is optional. Above weight is based upon nickel plated brass.
2. Supplied with locknut and seal gasket.
3. Earth lug and shroud on request. See P7/36~37.
4. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

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

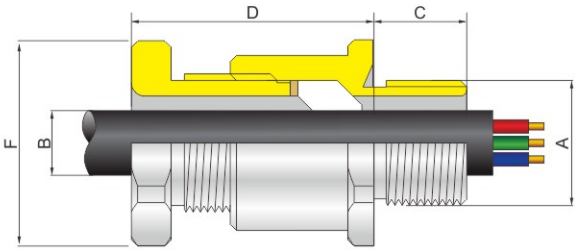
Cable wiring

Steel pipe wiring

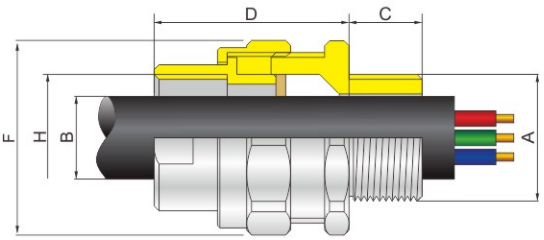
- Explosion protection to
  - -CENELEC
  - -IEC
  - -NEC
- Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups A , B, C, D
- Ex d, Ex e structure; available in stainless steel or nickel plated brass.
- Single seal, suitable for unarmored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

Technical data

Explosion-proof cable glands	DQM-II (unarmored single 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	Ⓔx II 2 G Ex d IIC Gb
	Ⓔx II 2 G Ex e IIC Gb
	Ⓔx 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 (IP67 optional)
Ambient temperature	-60℃~+100℃
Connection thread	Metric thread is standard type; G thread or NPT thread is optional



Cable wiring



Steel pipe wiring

Selection table of cable wiring

Gland size	Entry thread "A"		Cable outer diameter B (mm)				Minimum thread length C (mm)	Nominal protrusion length D (mm)	Across corners F (mm)	Ordering code	Weight (kg)
			Standard Seal		Alternative Seal						
	Metric	NPT/G	Min	Max	Min	Max					
20A	M20A	1/2"A	6.5	10.5	4	8	15	46	30	708001	0.15
20B	M20B	1/2"B	10	14.5	8	12	15	36	30	708002	0.15
25	M25	3/4"	14.5	19.5	11	15.5	15	55	37	708003	0.20
32	M32	1"	19	25.5	17	21.5	19	61	45	708004	0.30
40	M40	1 1/4"	25	32	22	28	19	64	55	708005	0.45
50	M50	1 1/2"	31.5	39	27.5	35	19	66	65	708006	0.70
63	M63	2"	40	50	35	42	19	75	77	708007	0.90
75	M75	2 1/2"	54.5	64	48.5	58	19	78	93	708008	2.30
90	M90	3"	63	75	-	-	19	82	110	708009	2.50
115	M115	4"	75	90	-	-	19	88	121	708010	4.60

Selection table of steel pipe wiring

Gland size	Entry thread "A"		Entry thread "H"		Cable outer diameter B (mm)		Minimum thread length C (mm)	Nominal protrusion length D (mm)	Across corners F (mm)	Ordering code	Weight (kg)
	Metric	NPT/G	Metric	NPT/G	Min	Max					
20A	M20A	1/2"A	M20	1/2"	8	12	15	40	30	708011	0.20
20B	M20B	1/2"B	M20	1/2"	10	14.5	15	40	30	708012	0.20
25A	M25A	3/4"A	M25	3/4"	11	15.5	15	40	40	708013	0.25
25B	M25B	3/4"B	M25	3/4"	14.5	19.5	15	40	40	708014	0.25
32A	M32A	1"A	M32	1"	17	21.5	19	45	48	708015	0.40
32B	M32B	1"B	M32	1"	19	25.5	19	45	48	708016	0.40
40	M40	1 1/4"	M40	1 1/4"	20	30	19	58	65	708017	0.60
50	M50	1 1/2"	M50	1 1/2"	26	37	19	58	75	708018	0.75
63	M63	2"	M63	2"	30	47	19	65	87	708019	1.15
75	M75	2 1/2"	M75	2 1/2"	38	57	19	65	110	708020	1.50
90	M90	3"	M90	3"	55	67	19	65	115	708021	1.80
115	M115	4"	M115	4"	48	80	19	69	145	708022	3.50

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.

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

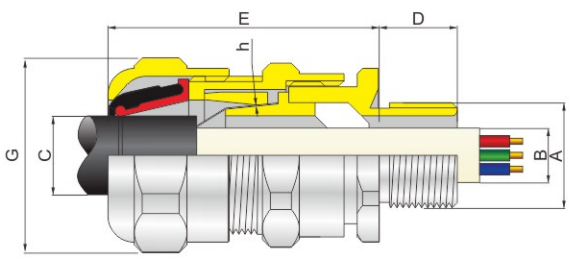
Cable wiring

Steel pipe wiring

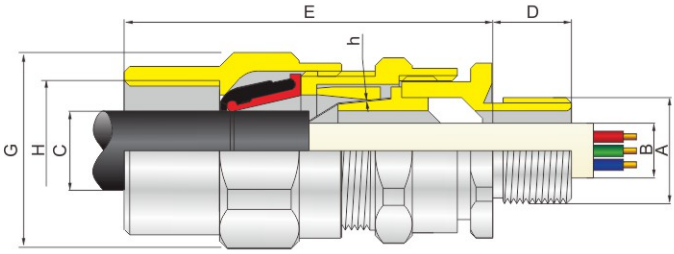
- Explosion protection to
  - -CENELEC
  - -IEC
  - -NEC
- Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups A , B, C, D
- Ex d, Ex e structure; available in stainless steel or nickel plated brass.
- Dual seal, suitable for both armored and unarmored cable.
- EMC Cable Gland. (360° contact) - EMC tested.
- For particular use with: cables that exhibit “cold flow” characteristics.

Technical data

Explosion-proof cable glands	DQM-II (armored dual 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	Ⓔx II 2 G Ex d IIC Gb
	Ⓔx II 2 G Ex e IIC Gb
	Ⓔx 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 (IP67 optional)
Ambient temperature	-60℃~+100℃
Connection thread	Metric thread is standard type; G thread or NPT thread is optional.



Cable wiring



Steel pipe wiring

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										
	Metric	NPT/G	Min	Max	Min	Max	Min	Max				X	W		
20A	M20	1/2"	4.0	8.0	-	-	5.5	12.0	15	59	31	0~0.6	0.8~1.4	709001	0.12
20B	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	59	31	0~0.6	0.8~1.4	709002	0.15
20C	M20	1/2"	10	14.5	8	12.0	12.5	20.5	15	61	37	0~0.6	0.8~1.4	709003	0.15
25A	M25	3/4"	6.5	10.5	-	-	9.0	16.0	15	59	31	0~0.6	0.8~1.4	709004	0.15
25B	M25	3/4"	10.0	14.5	8	12.0	12.5	20.5	15	61	37	0~0.6	0.8~1.4	709005	0.19
25C	M25	3/4"	14.5	19.5	11	15.5	17.0	26.0	15	68	45	0~0.7	1.0~1.7	709006	0.18
32A	M32	1"	10	14.5	8	12.0	12.5	20.5	19	61	37	0~0.6	0.8~1.4	709007	0.18
32B	M32	1"	14.5	19.5	11	15.5	17.0	26.0	19	68	45	0~0.7	1.0~1.7	709008	0.22
32C	M32	1"	19	25.5	17	21.5	22.0	33.0	19	76	54	0~0.8	1.0~1.7	709009	0.30
40A	M40	1 1/4"	14.5	19.5	11	15.5	17.0	26.0	19	68	45	0~0.7	1.0~1.7	709010	0.30
40B	M40	1 1/4"	19.0	25.5	17	21.5	22.0	33.0	19	76	54	0~0.8	1.0~1.7	709011	0.40
40C	M40	1 1/4"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.0	1.0~2.0	709012	0.40
50A	M50	1 1/2"	19.0	25.5	17	21.5	22.0	33.0	19	76	54	0~0.8	1.0~1.7	709013	0.40
50B	M50	1 1/2"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.0	1.0~2.0	709014	0.60
50C	M50	1 1/2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.0	1.0~2.0	709015	0.80
63A	M63	2"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.0	1.0~2.0	709016	0.90
63B	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.0	1.0~2.0	709017	1.00
63C	M63	2"	42.5	50.0	39.0	46.5	46.0	65.0	19	112	93	0~1.2	1.5~2.7	709018	1.20
75A	M75	2 1/2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.0	1.0~2.0	709019	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	1.5~2.7	709020	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	709021	2.90
90	M90	3"	63.0	75.0	-	-	68.0	88.0	19	121	121	0~1.5	2.0~3.5	709022	3.90
115	M115	4"	75.0	90.0	-	-	83.0	103.0	19	126	137	0~1.5	2.0~3.5	709023	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)
					Standard Seal		Alternative Seal										
	Metric	NPT/G	Metric	NPT/G	Min	Max	Min	Max	Min	Max				X	W		
20A	M20	1/2"	M20	1/2"	4.0	8.0	-	-	5.5	12.0	15	74	31	0~0.6	0.8~1.4	709024	0.15
20B	M20	1/2"	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	74	31	0~0.6	0.8~1.4	709025	0.20
20C	M20	1/2"	M25	3/4"	10	14.5	8	12	12.5	20.5	15	96	37	0~0.6	0.8~1.4	709026	0.20
25A	M25	3/4"	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	74	37	0~0.6	0.8~1.4	709027	0.20
25B	M25	3/4"	M25	3/4"	10	14.5	8	12	12.5	20.5	15	76	37	0~0.6	0.8~1.4	709028	0.24
25C	M25	3/4"	M32	1"	14.5	19.5	11	15.5	17.0	26.0	15	83	45	0~0.7	1.0~1.7	709029	0.27
32A	M32	1"	M25	3/4"	10	14.5	8	12	12.5	20.5	19	76	45	0~0.6	0.8~1.4	709030	0.28
32B	M32	1"	M32	1"	14.5	19.5	11	15.5	17.0	26.0	19	87	45	0~0.7	1.0~1.7	709031	0.27
32C	M32	1"	M40	1 1/4"	19	25.5	17	21.5	22.0	33.0	19	95	54	0~0.8	1.0~1.7	709032	0.33
40A	M40	1 1/4"	M32	1"	14.5	19.5	11	15.5	17.0	26.0	19	87	54	0~0.7	1.0~1.7	709033	0.33
40B	M40	1 1/4"	M40	1 1/4"	19.0	25.5	17	21.5	22.0	33.0	19	95	54	0~0.8	1.0~1.7	709034	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	0~1.0	1.0~2.0	709035	0.45
50A	M50	1 1/2"	M40	1 1/4"	19.0	25.5	17	21.5	22.0	33.0	19	95	65	0~0.8	1.0~1.7	709036	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	0~1.0	1.0~2.0	709037	0.70
50C	M50	1 1/2"	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	118	77	0~1.0	1.0~2.0	709038	0.85
63A	M63	2"	M50	1 1/2"	25.0	32.0	22.0	28.0	28.0	41.0	19	103	77	0~1.0	1.0~2.0	709039	1.20
63B	M63	2"	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	118	77	0~1.0	1.0~2.0	709040	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	1.5~2.7	709041	1.80
75A	M75	2 1/2"	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	118	90	0~1.0	1.0~2.0	709042	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	1.5~2.7	709043	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	709044	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	709045	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	709046	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.

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

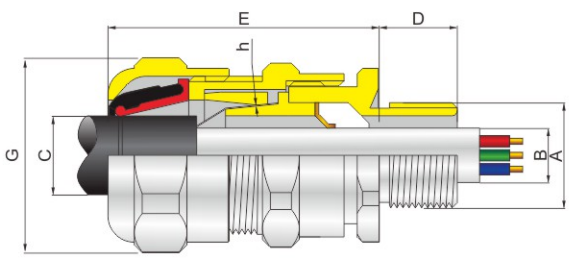
Cable wiring

Steel pipe wiring

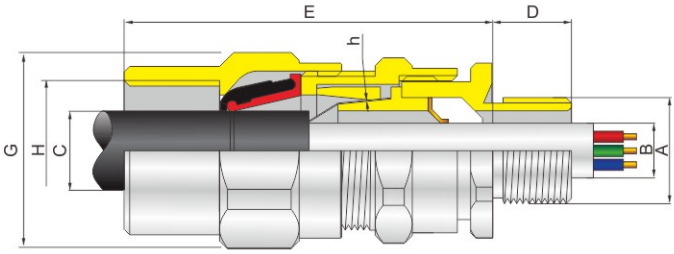
- Explosion protection to
  - -CENELEC
  - -IEC
  - -NEC
- Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups A , B, C, D
- Ex d, Ex e structure; available in stainless steel or nickel plated brass.
- Dual seal, suitable for both 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)	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	Ⓔx II 2 G Ex d IIC Gb
	Ⓔx II 2 G Ex e IIC Gb
	Ⓔx 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 (IP67 optional)
Ambient temperature	-60℃~+100℃
Connection thread	Metric thread is standard type; G thread or NPT thread is optional.



Cable wiring



Steel pipe wiring

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										
	Metric	NPT/G	Min	Max	Min	Max	Min	Max				X	W		
20A	M20	1/2"	4.0	8.0	-	-	5.5	12.0	15	59	31	0~0.6	0.8~1.4	709101	0.12
20B	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	59	31	0~0.6	0.8~1.4	709102	0.15
20C	M20	1/2"	10	14.5	8	12	12.5	20.5	15	61	37	0~0.6	0.8~1.4	709103	0.15
25A	M25	3/4"	6.5	10.5	-	-	9.0	16.0	15	59	31	0~0.6	0.8~1.4	709104	0.15
25B	M25	3/4"	10.0	14.5	8	12	12.5	20.5	15	61	37	0~0.6	0.8~1.4	709105	0.19
25C	M25	3/4"	14.5	19.5	11	15.5	17.0	26.0	15	68	45	0~0.7	1.0~1.7	709106	0.18
32A	M32	1"	10	14.5	8	12	12.5	20.5	19	61	37	0~0.6	0.8~1.4	709107	0.18
32B	M32	1"	14.5	19.5	11	15.5	17.0	26.0	19	68	45	0~0.7	1.0~1.7	709108	0.22
32C	M32	1"	19	25.5	17	21.5	22.0	33.0	19	76	54	0~0.8	1.0~1.7	709109	0.30
40A	M40	1 1/4"	14.5	19.5	11	15.5	17.0	26.0	19	68	45	0~0.7	1.0~1.7	709110	0.30
40B	M40	1 1/4"	19.0	25.5	17	21.5	22.0	33.0	19	76	54	0~0.8	1.0~1.7	709111	0.40
40C	M40	1 1/4"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.0	1.0~2.0	709112	0.40
50A	M50	1 1/2"	19.0	25.5	17	21.5	22.0	33.0	19	76	54	0~0.8	1.0~1.7	709113	0.40
50B	M50	1 1/2"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.0	1.0~2.0	709114	0.60
50C	M50	1 1/2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.0	1.0~2.0	709115	0.80
63A	M63	2"	25.0	32.0	22.0	28.0	28.0	41.0	19	83	65	0~1.0	1.0~2.0	709116	0.90
63B	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.0	1.0~2.0	709117	1.00
63C	M63	2"	42.5	50.0	39.0	46.5	46.0	65.0	19	112	93	0~1.2	1.5~2.7	709118	1.20
75A	M75	2 1/2"	31.5	39.0	27.5	35.0	36.0	52.5	19	101	77	0~1.0	1.0~2.0	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	1.5~2.7	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)
					Standard Seal		Alternative Seal										
	Metric	NPT/G	Metric	NPT/G	Min	Max	Min	Max	Min	Max				X	W		
20A	M20	1/2"	M20	1/2"	4.0	8.0	-	-	5.5	12.0	15	74	31	0~0.6	0.8~1.4	709124	0.15
20B	M20	1/2"	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	74	31	0~0.6	0.8~1.4	709125	0.20
20C	M20	1/2"	M25	3/4"	10	14.5	8	12.0	12.5	20.5	15	96	37	0~0.6	0.8~1.4	709126	0.20
25A	M25	3/4"	M20	1/2"	6.5	10.5	-	-	9.0	16.0	15	74	37	0~0.6	0.8~1.4	709127	0.20
25B	M25	3/4"	M25	3/4"	10.0	14.5	8	12.0	12.5	20.5	15	76	37	0~0.6	0.8~1.4	709128	0.24
25C	M25	3/4"	M32	1"	14.5	19.5	11	15.5	17.0	26.0	15	83	45	0~0.7	1.0~1.7	709129	0.27
32A	M32	1"	M25	3/4"	10	14.5	8	12.0	12.5	20.5	19	76	45	0~0.6	0.8~1.4	709130	0.28
32B	M32	1"	M32	1"	14.5	19.5	11	15.5	17.0	26.0	19	87	45	0~0.7	1.0~1.7	709131	0.27
32C	M32	1"	M40	1 1/4"	19	25.5	17	21.5	22.0	33.0	19	95	54	0~0.8	1.0~1.7	709132	0.33
40A	M40	1 1/4"	M32	1"	14.5	19.5	11	15.5	17.0	26.0	19	87	54	0~0.7	1.0~1.7	709133	0.33
40B	M40	1 1/4"	M40	1 1/4"	19.0	25.5	17	21.5	22.0	33.0	19	95	54	0~0.8	1.0~1.7	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	0~1.0	1.0~2.0	709135	0.45
50A	M50	1 1/2"	M40	1 1/4"	19.0	25.5	17	21.5	22.0	33.0	19	95	65	0~0.8	1.0~1.7	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	0~1.0	1.0~2.0	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	0~1.0	1.0~2.0	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	0~1.0	1.0~2.0	709139	1.20
63B	M63	2"	M63	2"	31.5	39.0	27.5	35.0	36.0	52.5	19	118	77	0~1.0	1.0~2.0	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	1.5~2.7	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	0~1.0	1.0~2.0	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	1.5~2.7	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.

Cable Glands
DQM-III Series Explosion-proof Cable Glands (Ex d IIC Ex e IIC)
Unarmored Compound Barrier

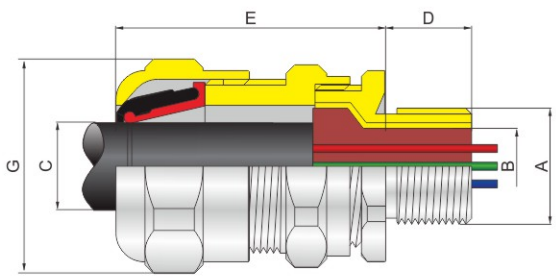
Cable wiring

Steel pipe wiring

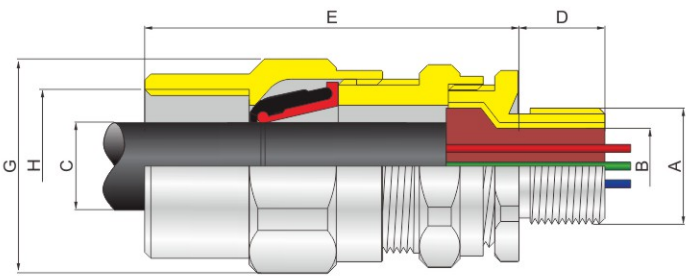
- Explosion protection to
  - -CENELEC
  - -IEC
  - -NEC
- Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 1, Groups A , B, C, D
- Ex d, Ex e structure; available in stainless steel or nickel plated brass.
- With sealring and sealing compound; suitable for unarmored cable.
- For particular use with: cables that exhibit “cold flow” characteristics.

Technical data

Explosion-proof cable glands	DQM-III (unarmored compound barrier)
Explosion protection	
Global (IECEx)	IECEx CQM 11.0028
Gas and dust	Ex d IIC Gb
	Ex e IIC Gb
	Ex tb IIIC Db IP66
Europe (ATEX)	Nemko 10 ATEX 1005X
Gas and dust	Ⓔx II 2 G Ex d IIC Gb
	Ⓔx II 2 G Ex e IIC Gb
	Ⓔx 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 (IP67 optional)
Ambient temperature	-20℃~+55℃(-60℃~+100℃ optional)
Connection thread	Metric thread is standard type; G thread or NPT thread is optional



Cable wiring



Steel pipe wiring

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)	Ordering code	Weight (kg)
	Metric	NPT/G	Max	Min	Max					
20A	M20A	1/2"A	10	5.5	12	15	51	31	710001	0.10
20B	M20B	1/2"B	13	9.0	16	15	51	31	710002	0.10
25A	M25A	3/4"A	13	9.0	16	15	51	37	710003	0.12
25B	M25B	3/4"B	18	12.5	20.5	15	53	37	710004	0.15
32A	M32A	1"A	18	12.5	20.5	19	53	45	710005	0.17
32B	M32B	1"B	24	17	26	19	58	45	710006	0.20
40A	M40A	1 1/4"A	24	17	26	19	58	54	710007	0.22
40B	M40B	1 1/4"B	30	22	33	19	62	54	710008	0.27
50A	M50A	1 1/2"A	30	22	33	19	62	65	710009	0.40
50B	M50B	1 1/2"B	37	28	41	19	69	65	710010	0.50
63A	M63A	2"A	37	28	41	19	69	77	710011	0.80
63B	M63B	2"B	47	36	52.5	19	77	77	710012	0.90
75A	M75A	2 1/2"A	47	36	52.5	19	77	90	710013	2.30
75B	M75B	2 1/2"B	55	46	65	19	95	93	710014	2.70
90	M90	3"	60	57	78	19	100	121	710015	2.80
115	M115	4"	70	68	88	19	106	137	710016	3.60

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)	Ordering code	Weight (kg)
	Metric	NPT/G	Metric	NPT/G	Max	Min	Max					
20A	M20A	1/2"A	M20	1/2"	10	5.5	12	15	66	31	710017	0.12
20B	M20B	1/2"B	M20	1/2"	13	9.0	16	15	66	31	710018	0.12
25A	M25A	3/4"A	M20	1/2"	13	9.0	16	15	66	37	710019	0.15
25B	M25B	3/4"B	M25	3/4"	18	12.5	20.5	15	68	37	710020	0.18
32A	M32A	1"A	M25	3/4"	18	12.5	20.5	19	68	45	710021	0.21
32B	M32B	1"B	M32	1"	24	17	26	19	77	45	710022	0.24
40A	M40A	1 1/4"A	M32	1"	24	17	26	19	77	54	710023	0.29
40B	M40B	1 1/4"B	M40	1 1/4"	30	22	33	19	81	54	710024	0.35
50A	M50A	1 1/2"A	M40	1 1/4"	30	22	33	19	81	65	710025	0.50
50B	M50B	1 1/2"B	M50	1 1/2"	37	28	41	19	88	65	710026	0.64
63A	M63A	2"A	M50	1 1/2"	37	28	41	19	88	77	710027	0.98
63B	M63B	2"B	M63	2"	47	36	52.5	19	96	77	710028	1.17
75A	M75A	2 1/2"A	M63	2"	47	36	52.5	19	96	90	710029	2.60
75B	M75B	2 1/2"B	M75	2 1/2"	55	46	65	19	114	93	710030	3.00
90	M90	3"	M90	3"	60	57	78	19	119	121	710031	3.30
115	M115	4"	M115	4"	70	68	88	19	125	137	710032	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 P7/36~37.
3. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

Cable Glands
DQM-III Series Explosion-proof Cable Glands (Ex d IIC Ex e IIC)
Armored Compound Barrier

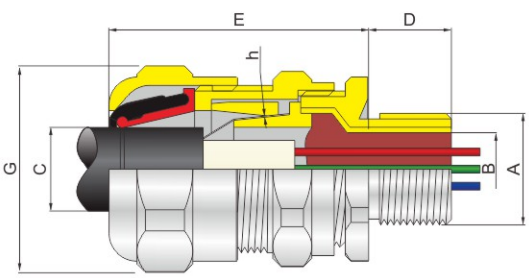
Cable wiring

Steel pipe wiring

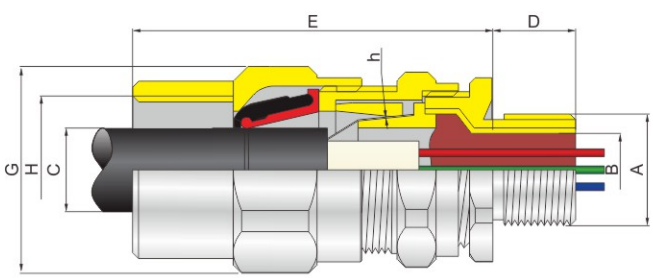
- Explosion protection to
  -CENELEC
  -IEC
  -NEC
- Can be used in
  Zone 1 and Zone 2
  Zone 21 and Zone 22
  Class I, Zone 1 and Zone 2
  Class I, Division 1, Groups A , B, C, D
- Ex d, Ex e structure; available in stainless steel or nickel plated brass.
- With sealing ring and sealing compound; suitable for armored cable.
- For particular use with: cables that exhibit “cold flow” characteristics.
- EMC Cable Gland. (360° contact) - EMC tested.

Technical data

Explosion-proof cable glands	DQM-III (armored compound barrier)
Explosion protection	
Global (IECEx)	IECEx CQM 11.0028
Gas and dust	Ex d IIC Gb
	Ex e IIC Gb
	Ex tb IIIC Db IP66
Europe (ATEX)	Nemko 10 ATEX 1005X
Gas and dust	Ⓔx II 2 G Ex d IIC Gb
	Ⓔx II 2 G Ex e IIC Gb
	Ⓔx 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 (IP67 optional)
Ambient temperature	-20℃~+55℃(-60℃~+100℃ optional)
Connection thread	Metric thread is standard type; G thread or NPT thread is optional



Cable wiring



Steel pipe wiring

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)
	Metric	NPT/G	Max	Min	Max				X	W		
20A	M20	1/2"	10.0	5.5	12.0	15	51	31	0~0.6	0.8~1.4	711001	0.12
20B	M20	1/2"	10.0	9.0	16.0	15	51	31	0~0.6	0.8~1.4	711002	0.15
20C	M20	1/2"	13.0	12.5	20.5	15	53	37	0~0.6	0.8~1.4	711003	0.15
25A	M25	3/4"	10.0	9.0	16.0	15	51	37	0~0.6	0.8~1.4	711004	0.19
25B	M25	3/4"	13.0	12.5	20.5	15	53	37	0~0.6	0.8~1.4	711005	0.18
25C	M25	3/4"	18.0	17.0	26.0	15	58	45	0~0.7	1.0~1.7	711006	0.18
32A	M32	1"	13.0	12.5	20.5	19	53	45	0~0.6	0.8~1.4	711007	0.21
32B	M32	1"	18.0	17.0	26.0	19	58	45	0~0.7	1.0~1.7	711008	0.27
32C	M32	1"	24.0	22.0	33.0	19	62	54	0~0.8	1.0~1.7	711009	0.29
40A	M40	1 1/4"	18.0	17.0	26.0	19	58	54	0~0.7	1.0~1.7	711010	0.29
40B	M40	1 1/4"	24.0	22.0	33.0	19	62	54	0~0.8	1.0~1.7	711011	0.32
40C	M40	1 1/4"	30.0	28.0	41.0	19	69	65	0~1.0	1.0~2.0	711012	0.38
50A	M50	1 1/2"	24.0	22.0	33.0	19	62	65	0~0.8	1.0~1.7	711013	0.38
50B	M50	1 1/2"	30.0	28.0	41.0	19	69	65	0~1.0	1.0~2.0	711014	0.57
50C	M50	1 1/2"	37.0	36.0	52.5	19	77	77	0~1.0	1.0~2.0	711015	0.75
63A	M63	2"	30.0	28.0	41.0	19	69	77	0~1.0	1.0~2.0	711016	0.90
63B	M63	2"	37.0	36.0	52.5	19	77	77	0~1.0	1.0~2.0	711017	1.10
63C	M63	2"	47.0	46.0	65.0	19	95	93	0~1.2	1.5~2.7	711018	1.40
75A	M75	2 1/2"	37.0	36.0	52.5	19	77	90	0~1.0	1.0~2.0	711019	2.50
75B	M75	2 1/2"	55.0	46.0	65.0	19	95	93	0~1.2	1.5~2.7	711020	2.90
75C	M75	2 1/2"	60.0	57.0	78.0	19	100	110	0~1.5	2.0~3.5	711021	3.00
90	M90	3"	70.0	68.0	88.0	19	100	121	0~1.5	2.0~3.5	711022	3.90
115	M115	4"	90.0	83.0	103.0	19	106	137	0~1.5	2.0~3.5	711023	4.60

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	Max	Min	Max				X	W		
20A	M20	1/2"	M20	1/2"	10.0	5.5	12.0	15	66	31	0~0.6	0.8~1.4	711024	0.14
20B	M20	1/2"	M20	1/2"	10.0	9.0	16.0	15	66	31	0~0.6	0.8~1.4	711025	0.17
20C	M20	1/2"	M25	3/4"	13.0	12.5	20.5	15	66	37	0~0.6	0.8~1.4	711026	0.17
25A	M25	3/4"	M20	1/2"	10.0	9.0	16.0	15	66	37	0~0.6	0.8~1.4	711027	0.21
25B	M25	3/4"	M25	3/4"	13.0	12.5	20.5	15	68	37	0~0.6	0.8~1.4	711028	0.20
25C	M25	3/4"	M32	1"	18.0	17.0	26.0	15	73	45	0~0.7	1.0~1.7	711029	0.20
32A	M32	1"	M25	3/4"	13.0	12.5	20.5	19	68	45	0~0.6	0.8~1.4	711030	0.23
32B	M32	1"	M32	1"	18.0	17.0	26.0	19	77	45	0~0.7	1.0~1.7	711031	0.29
32C	M32	1"	M40	1 1/4"	24.0	22.0	33.0	19	77	54	0~0.8	1.0~1.7	711032	0.31
40A	M40	1 1/4"	M32	1"	18.0	17.0	26.0	19	77	54	0~0.7	1.0~1.7	711033	0.31
40B	M40	1 1/4"	M40	1 1/4"	24.0	22.0	33.0	19	81	54	0~0.8	1.0~1.7	711034	0.35
40C	M40	1 1/4"	M50	1 1/2"	30.0	28.0	41.0	19	89	65	0~1.0	1.0~2.0	711035	0.40
50A	M50	1 1/2"	M40	1 1/4"	24.0	22.0	33.0	19	81	65	0~0.8	1.0~1.7	711036	0.40
50B	M50	1 1/2"	M50	1 1/2"	30.0	28.0	41.0	19	88	65	0~1.0	1.0~2.0	711037	0.60
50C	M50	1 1/2"	M63	2"	37.0	36.0	52.5	19	97	77	0~1.0	1.0~2.0	711038	0.80
63A	M63	2"	M50	1 1/2"	30.0	28.0	41.0	19	86	77	0~1.0	1.0~2.0	711039	1.05
63B	M63	2"	M63	2"	37.0	36.0	52.5	19	97	77	0~1.0	1.0~2.0	711040	1.25
63C	M63	2"	M75	2 1/2"	47.0	46.0	65.0	19	112	93	0~1.2	1.5~2.7	711041	1.60
75A	M75	2 1/2"	M63	2"	37.0	36.0	52.5	19	96	90	0~1.0	1.0~2.0	711042	2.70
75B	M75	2 1/2"	M75	2 1/2"	55.0	46.0	65.0	19	112	93	0~1.2	1.5~2.7	711043	3.20
75C	M75	2 1/2"	M90	3"	60.0	57.0	78.0	19	119	110	0~1.5	2.0~3.5	711044	3.40
90	M90	3"	M115	4"	70.0	68.0	88.0	19	119	121	0~1.5	2.0~3.5	711045	4.20
115	M115	4"	M125	4 1/2"	90.0	83.0	103.0	19	125	137	0~1.5	2.0~3.5	711046	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.