

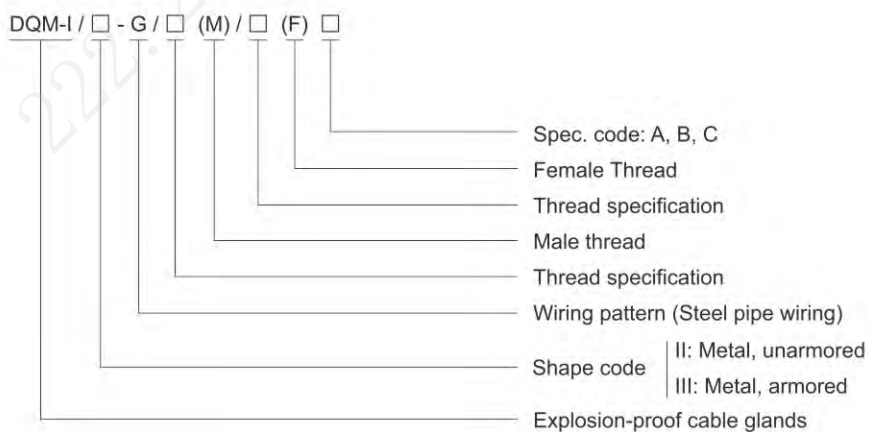
Cable Glands

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



- ◆ 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
- ◆ DQM-I/I (Ex eb)
 - Plastic, unarmored
- ◆ DQM-I/II (Ex eb)
 - Metal, unarmored
- ◆ DQM-I/III (Ex eb)
 - Metal, armored

Catalogue number logic



Zones 1&2; 21&22

Cable Glands

DQM-I/I-D Series Explosion-proof Cable Glands (Ex eb IIC)

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/I-D (plastic unarmored)

Explosion protection

Global (IECEx)	IECEx CQM 25.0005X
Gas and dust	Ex eb IIC Gb Ex tb IIIC Db
Europe (ATEX)	TÜV CY 26 ATEX 0207552 X
Gas and dust	Ex II 2 G Ex eb IIC Gb Ex II 2 D Ex tb IIIC Db

Certificates

IECEx; ATEX

Conformity to standards

EN 60079-0, EN 60079-7, EN 60079-31; IEC 60079-0, IEC 60079-7, IEC 60079-31

Gland material

Plastic, black

Degree of protection

IP66

Service temperature

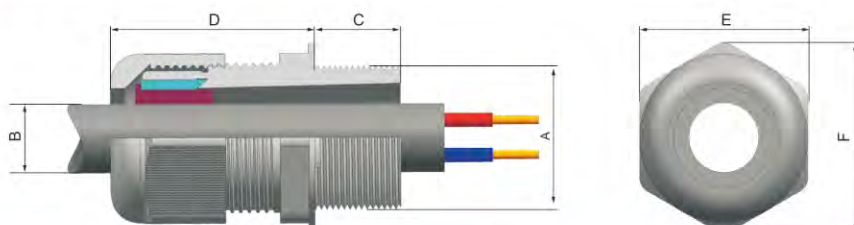
-40°C~+80°C



Selection table (DQM-I/I-D)

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	M16×1.5	5	8	15	27	19	21	705001	0.05
20	M20×1.5	6	10	15	29	24	26	705002	0.05
25	M25×1.5	9	12	15	33	30	33	705003	0.05
		12	16						
32	M32×1.5	10	18	15	35	41	45	705005	0.05
40	M40×1.5	17	25	14	46	50	55	705006	0.10
50	M50×1.5	23	32	14	51	57	63	705007	0.11
63	M63×1.5	32	44	15	51	70	78	705008	0.15

Note: 1. Supplied with locknut (plastic) and seal gasket, without stopping rod.
2. Stopping rod on request. See P6/46.



Cable Glands

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

Metal Unarmored



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

Technical data

Explosion-proof cable glands DQM-I/II (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	Ex II 2 G Ex e IIC Gb
	Ex 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

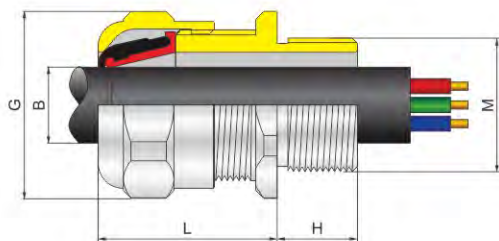
IP66 / IP67

Ambient temperature

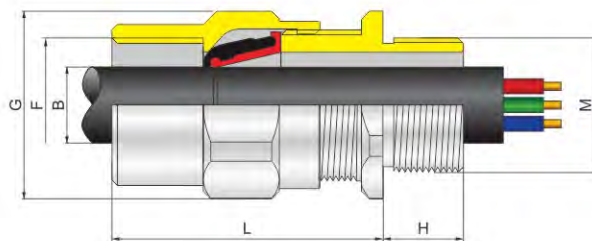
-60°C~+100°C

Connection thread

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



Cable wiring
DQM-I/II-D



Steel pipe wiring
DQM-I/II-G

Cable Glands

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

Metal Unarmored

Selection table of cable wiring (DQM-I/II-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)
Metric	NPT	G		Min	Max					
M20	1/2"	1/2"	A	5.5	12	15	37	31	706001	0.10
M20	1/2"	1/2"	B	9	16	15	37	31	706002	0.10
M25	3/4"	3/4"	A	9	16	15	37	35	706003	0.12
M25	3/4"	3/4"	B	12.5	20.5	15	37	37	706004	0.15
M32	1"	1"	A	12.5	20.5	15	37	42	706005	0.22
M32	1"	1"	B	17	26	15	40	45	706006	0.25
M40	1 1/4"	1 1/4"	A	17	26	19	40	50	706007	0.30
M40	1 1/4"	1 1/4"	B	22	33	19	45	54	706008	0.35
M50	1 1/2"	1 1/2"	A	22	33	19	45	60	706009	0.45
M50	1 1/2"	1 1/2"	B	28	41	19	53	65	706010	0.55
M63	2"	2"	A	28	41	19	53	72	706011	0.65
M63	2"	2"	B	40	52.5	19	60	78	706012	0.70
M75	2 1/2"	2 1/2"	A	40	52.5	19	60	88	706013	0.80
M75	2 1/2"	2 1/2"	B	46	65(60)	19	70	93	706014	0.90

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

Entry thread "M"			Entry thread "F"			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					
M20	1/2"	1/2"	M20	1/2"	1/2"	5.5	12	15	52	31	706015	0.13
M25	3/4"	3/4"	M25	3/4"	3/4"	9	16	15	52	37	706016	0.15
M32	1"	1"	M32	1"	1"	13	21	15	59	45	706017	0.26
M40	1 1/4"	1 1/4"	M40	1 1/4"	1 1/4"	19	27	19	64	54	706018	0.36
M50	1 1/2"	1 1/2"	M50	1 1/2"	1 1/2"	25	34	19	72	65	706019	0.52
M63	2"	2"	M63	2"	2"	32	43	19	79	78	706020	0.73
M75	2 1/2"	2 1/2"	M75	2 1/2"	2 1/2"	40	52	19	89	93	706021	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, shroud and cable clamp on request. See P6/47~48.
 4. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.



Cable Glands

DQM-I/III 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 eb structure; available in stainless steel or nickel plated brass.
- ◆ Single seal, suitable for both armored cable.
- ◆ EMC Cable Gland. (360° contact) - EMC tested.

Technical data

Explosion-proof cable glands DQM-I/III (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	Ex II 2 G Ex e IIC Gb

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

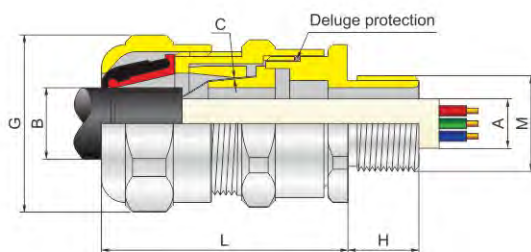
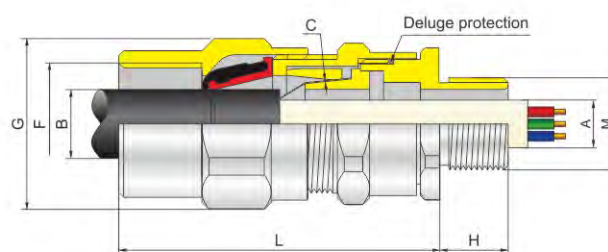
IP66 / IP67

Ambient temperature

-60°C~+100°C

Connection thread

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

Cable wiring
DQM-I/III-DSteel pipe wiring
DQM-I/III-G

Cable Glands

DQM-I/III Series Explosion-proof Cable Glands (Ex eb IIC)

Metal Armored

Selection table of cable wiring (DQM-I/III-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)	Armour/Braid(C)				Ordering code	Weight (kg)
									Standard		Alternative (AR)			
Metric	NPT/G		Max	Min	Max				X	W	X	W		
M20	1/2"	A	10.5	5.5	12.0	15	62	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707001	0.15
M20	1/2"	B	10.5	9.0	16.0	15	62	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707002	0.15
M20	1/2"	C	14.5	12.5	20.5	15	64	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707003	0.19
M25	3/4"	A	10.5	9.0	16.0	15	62	35	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707004	0.17
M25	3/4"	B	14.5	12.5	20.5	15	64	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707005	0.21
M25	3/4"	C	19.5	17.0	26.0	15	68	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	707006	0.28
M32	1"	A	14.5	12.5	20.5	15	64	42	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707007	0.24
M32	1"	B	19.5	17.0	26.0	15	68	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	707008	0.31
M32	1"	C	25.5	22.0	33.0	15	74	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	707009	0.39
M40	1 1/4"	A	19.5	17.0	26.0	19	68	54	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	707010	0.36
M40	1 1/4"	B	25.5	22.0	33.0	19	74	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	707011	0.43
M40	1 1/4"	C	31.0	28.0	41.0	19	82	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707012	0.62
M50	1 1/2"	A	25.5	22.0	33.0	19	74	65	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	707013	0.50
M50	1 1/2"	B	31.0	28.0	41.0	19	82	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707014	0.73
M50	1 1/2"	C	37.0	36.0	52.5	19	94	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707015	0.93
M63	2"	A	31.0	28.0	41.0	19	82	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707016	0.83
M63	2"	B	37.0	36.0	52.5	19	94	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707017	1.15
M63	2"	C	49.0	46.0	65.0	19	107	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	707018	1.80
M75	2 1/2"	A	37.0	36.0	52.5	19	94	90	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707019	1.35
M75	2 1/2"	B	55.0	46.0	65.0	19	107	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	707020	2.80
M75	2 1/2"	C	NPT: 60.0 M/G: 64.0	57.0	78.0	19	116	110	0~1.5	2.0~3.5	*	*	707021	3.30
M90	3"	-	75.0	68.0	88.0	19	116	121	0~1.5	2.0~3.5	*	*	707022	3.50
M115	4"	-	90.0	83.0	103.0	19	120	137	0~1.5	2.0~3.5	*	*	707023	3.70

Selection table of steel pipe wiring (DQM-I/III-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)	Armour/Braid(C)				Ordering code	Weight (kg)
Metric	NPT/G	Metric	NPT/G		Max	Min	Max	Standard				Alternative (AR)					
												X	W	X	W		
M20	1/2"	M20	1/2"	A	10.5	5.5	12.0	15	77	31	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707024	0.18
M20	1/2"	M20	1/2"	B	10.5	9.0	16.0	15	77	31	31	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707025	0.18
M20	1/2"	M25	3/4"	C	14.5	12.5	20.5	15	79	37	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707026	0.23
M25	3/4"	M20	1/2"	A	10.5	9.0	16.0	15	77	35	35	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707027	0.20
M25	3/4"	M25	3/4"	B	14.5	12.5	20.5	15	79	37	37	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707028	0.25
M25	3/4"	M32	1"	C	19.5	17.0	26.0	15	87	45	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	707029	0.32
M32	1"	M25	3/4"	A	14.5	12.5	20.5	15	79	42	42	0~0.6	0.8~1.4	0.4~1.0	1.0~1.6	707030	0.28
M32	1"	M32	1"	B	19.5	17.0	26.0	15	87	45	45	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	707031	0.36
M32	1"	M40	1 1/4"	C	25.5	22.0	33.0	15	93	54	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	707032	0.45
M40	1 1/4"	M32	1"	A	19.5	17.0	26.0	19	87	54	54	0~0.7	1.0~1.5	0.5~1.2	1.2~2.0	707033	0.41
M40	1 1/4"	M40	1 1/4"	B	25.5	22.0	33.0	19	93	54	54	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	707034	0.49
M40	1 1/4"	M50	1 1/2"	C	31.0	28.0	41.0	19	101	65	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707035	0.70
M50	1 1/2"	M40	1 1/4"	A	25.5	22.0	33.0	19	93	65	65	0~0.8	1.0~1.5	0.5~1.4	1.4~2.3	707036	0.56
M50	1 1/2"	M50	1 1/2"	B	31.0	28.0	41.0	19	101	65	65	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707037	0.81
M50	1 1/2"	M63	2"	C	37.0	36.0	52.5	19	113	77	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707038	1.03
M63	2"	M50	1 1/2"	A	31.0	28.0	41.0	19	103	77	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707039	0.91
M63	2"	M63	2"	B	37.0	36.0	52.5	19	113	77	77	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707040	1.25
M63	2"	M75	2 1/2"	C	49.0	46.0	65.0	19	126	93	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	707041	1.92
M75	2 1/2"	M63	2"	A	37.0	36.0	52.5	19	113	90	90	0~1.0	1.0~1.6	0.5~1.5	1.5~2.5	707042	1.45
M75	2 1/2"	M75	2 1/2"	B	55.0	46.0	65.0	19	126	93	93	0~1.2	1.5~2.2	0.8~2.0	2.0~3.2	707043	2.95
M75	2 1/2"	M90	3"	C	NPT: 60.0 M/G: 64.0	57.0	78.0	19	135	110	110	0~1.5	2.0~3.5	*	*	707044	3.45
M90	3"	M115	4"	-	75.0	68.0	88.0	19	135	121	121	0~1.5	2.0~3.5	*	*	707045	3.75
M115	4"	M125	4 1/2"	-	90.0	83.0	103.0	19	139	137	137	0~1.5	2.0~3.5	*	*	707046	4.10

- 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, shroud and cable clamp on request. See P6/47~48.
 4. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

