

Cable Glands

DQM-I 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 (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	⊕ II 2 G Ex e IIC Gb ⊕ II 2 D Ex tb IIIC Db IP66 / IP67
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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

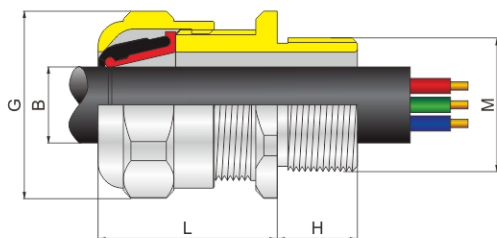
IP66 / IP67

Ambient temperature

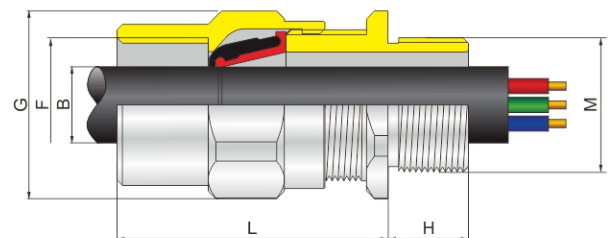
-60°C~+100°C

Connection thread

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



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Selection table of cable wiring

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

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.

