

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)

Gas and dust

IECEX LCI 08.0011X

Ex d IIC Gb

Ex e IIC Gb

Ex tb IIIC Db IP66

Europe (ATEX)

Gas and dust

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

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

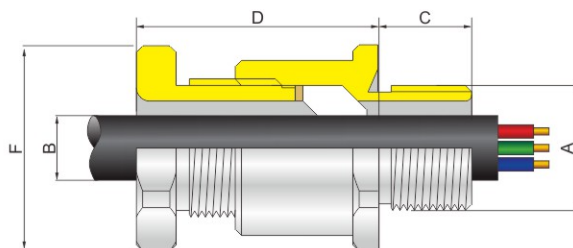
IP66 (IP67 optional)

Ambient temperature

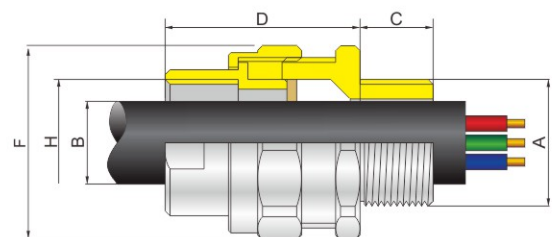
-60°C~+100°C

Connection thread

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



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Steel pipe wiring

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Unarmored Single Seal

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	8.5	13	15	51	30	708002	0.15
25	M25	3/4"	12.5	19.5	9.5	15.5	15	55	37	708003	0.20
32	M32	1"	19	25.5	14.5	21	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"	42.5	55	39	46.5	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"	8.5	13	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"	9.5	15.5	15	40	40	708013	0.25
25B	M25B	3/4"B	M25	3/4"	12.5	19.5	15	40	40	708014	0.25
32A	M32A	1"A	M32	1"	14.5	21	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.

