

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, nickel plated brass or galvanized carbon steel.
- ◆ Single seal, suitable for unarmored cable.

Technical data

Explosion-proof cable glands

DQM-II (unarmored single seal)

Explosion protection

Gas explosion protection
Dust explosion protection

⊕ II 2 G Ex d IIC Gb ⊕ II 2 G Ex e IIC Gb
⊕ II 2 D Ex tb IIIC Db IP66

Certificates

LCIE 06 ATEX 6100X; IECEx LCI 08.0011X; RU C-CN.ГБ05.В.00345(CU-TR)
KZ.7500525.22.01.00376 (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, nickel plated brass or galvanized carbon steel

Degree of protection

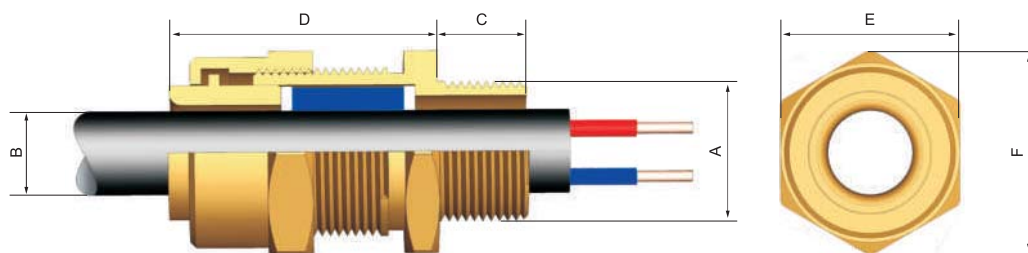
IP66 (IP67 optional)

Ambient temperature

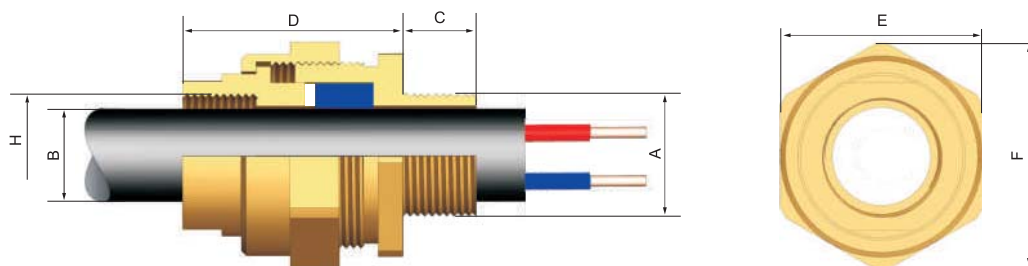
-60°C~+100°C

Connection thread

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



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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 flats E (mm) | Across corners F (mm) | Ordering code | Weight (kg) |
|------------|------------------|--------|--------|-----------------------------|-----|------------------------------|----------------------------------|---------------------|-----------------------|---------------|-------------|
| | Metric | NPT | G | Min | Max | | | | | | |
| 20 | M20 | 1/2" | 1/2" | 6.5 | 10 | 16 | 37 | 30 | 34 | 708001 | 0.15 |
| 25 | M25 | 3/4" | 3/4" | 10 | 14 | 16 | 40 | 36 | 41 | 708002 | 0.20 |
| 32 | M32 | 1" | 1" | 11 | 18 | 16 | 40 | 41 | 46 | 708003 | 0.30 |
| 40 | M40 | 1 1/4" | 1 1/4" | 14 | 23 | 16 | 45 | 50 | 55 | 708004 | 0.45 |
| 50 | M50 | 1 1/2" | 1 1/2" | 20 | 27 | 16 | 50 | 60 | 65 | 708005 | 0.70 |
| 63 | M63 | 2" | 2" | 25 | 34 | 16 | 57 | 70 | 75 | 708006 | 0.90 |
| 75 | M75 | 2 1/2" | 2 1/2" | 38 | 57 | 19 | 65 | 102 | 110 | 708007 | 2.30 |
| 90 | M90 | 3" | 3" | 55 | 67 | 19 | 85 | 110 | 115 | 708008 | 2.50 |
| 115 | M115 | 4" | 4" | 48 | 80 | 19 | 105 | 140 | 145 | 708009 | 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 flats E (mm) | Across corners F (mm) | Ordering code | Weight (kg) |
|------------|------------------|--------|--------|------------------|--------|--------|-----------------------------|-----|------------------------------|----------------------------------|---------------------|-----------------------|---------------|-------------|
| | Metric | NPT | G | Metric | NPT | G | Min | Max | | | | | | |
| 20 | M20 | 1/2" | 1/2" | M20 | 1/2" | 1/2" | 10 | 14 | 15 | 51 | 31 | 33 | 708010 | 0.20 |
| 25 | M25 | 3/4" | 3/4" | M25 | 3/4" | 3/4" | 12 | 17 | 15 | 51 | 38 | 40 | 708011 | 0.25 |
| 32 | M32 | 1" | 1" | M32 | 1" | 1" | 15 | 22 | 19 | 65 | 45 | 48 | 708012 | 0.40 |
| 40 | M40 | 1 1/4" | 1 1/4" | M40 | 1 1/4" | 1 1/4" | 20 | 30 | 19 | 68 | 60 | 63 | 708013 | 0.60 |
| 50 | M50 | 1 1/2" | 1 1/2" | M50 | 1 1/2" | 1 1/2" | 26 | 37 | 19 | 68 | 70 | 75 | 708014 | 0.75 |
| 63 | M63 | 2" | 2" | M63 | 2" | 2" | 30 | 47 | 19 | 73 | 82 | 85 | 708015 | 1.15 |
| 75 | M75 | 2 1/2" | 2 1/2" | M75 | 2 1/2" | 2 1/2" | 38 | 57 | 19 | 73 | 102 | 110 | 708016 | 1.50 |
| 90 | M90 | 3" | 3" | M90 | 3" | 3" | 55 | 67 | 19 | 73 | 110 | 115 | 708017 | 1.80 |
| 115 | M115 | 4" | 4" | M115 | 4" | 4" | 48 | 80 | 19 | 78 | 140 | 145 | 708018 | 3.50 |

- Note:**
1. Standard material is galvanized carbon steel. Nickel plated brass or stainless steel is optional. Above weight is based upon galvanized carbon steel.
 2. Earth lug and shroud on request. See P7/32~33.
 3. Metric threads are 1.5mm pitch as standard, others thread pitch can be customized, please specify when ordering.

