

EMI/RFI CABLE ENTRY GLANDS 4960

HF-Closed (EMC) Cable Entry Gland with metric and PG- line - nickel plated with IRIS-suspension. Excellent EMP/RFI shielding for screened cables

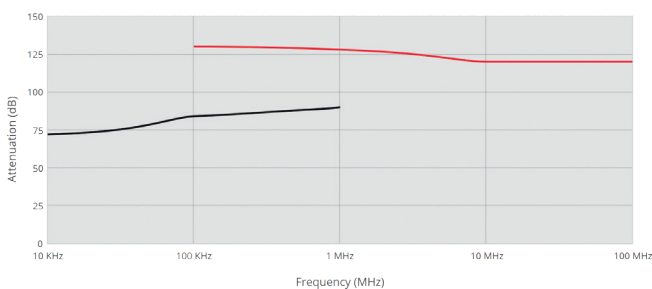


The Cable Entry Gland provides an excellent EMP/RFI shield for screened cable which pass through enclosure walls. A round or threaded hole is required to mount the gland. (The gland can also be welded or soldered into the enclosure wall).

The Cable Entry Gland uses a wire mesh olive, which when compressed provides circumferential pressure to both the cable and gland body, giving excellent electrical conductivity. The gasket ensures a good EMI seal between gland & enclosure.

Using a conductive heat shrink boot (not supplied) can also provide a degree of environmental sealing.

SHIELDING PERFORMANCE*



■ E - field
■ H - field

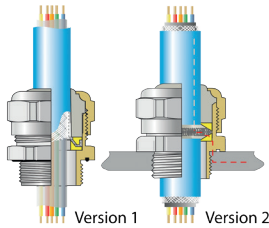
*Braiding = cable jacket continues

MATERIALS & PROPERTIES

| Property | Value |
|-------------------------------------|--|
| Material | Metal |
| Grade | Brass |
| Surface protection | Nickel-plated |
| Operating temperature | -20 °C- +130 °C |
| EMC Gasket | TCS Knitted wire mesh over solid silicone ring |
| Thread type | Metric wire with EN 50.262;PG-wire according to DIN 46.320 |
| Sealing | Rubber |
| Explosion safe zone (Dust) | None |
| For explosion protection zone (Gas) | None |
| Implementation | Perpendicular |
| Shockproof | Yes |
| Protection (IP) | IP68 |
| Halogen proof | Yes |
| Version 1 | Only cut the cable jacket; braiding* continues (so don't cut it off) |
| Version 2 | Only cut cable jacket at height of IRIS |
| Guarantee | CE |

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STANDARD PART NUMBERS



| Part number | Size metric | Size PG | Tap-length (mm) | Screening min-max. (mm) | For cable min-max. (mm) | Thread length (mm) | Key width (mm) | Version |
|-------------------|-------------|---------|-----------------|-------------------------|-------------------------|--------------------|----------------|---------|
| 4960-16-1.5-4.0 | M 16 x 1.5 | PG 9 | 6 | 1.5- 4.5 | 4.0- 6.5 | 6 | 18 | 1 |
| 4960-16-2.5-6.5 | M 16 x 1.5 | PG 9 | 6 | 2.5- 6.0 | 6.5- 9.5 | 6 | 18 | 1 |
| 4960-20-2.5-4.0 | M 20 x 1.5 | PG 11 | 6.5 | 2.5- 6.0 | 4.0- 6.5 | 6.5 | 22 | 2 |
| 4960-20-3.5-6.5 | M 20 x 1.5 | PG 11 | 6.5 | 3.5- 8.5 | 6.5- 9.5 | 6.5 | 22 | 1 |
| 4960-20-3.5-7.0 | M 20 x 1.5 | PG 11 | 6.5 | 3.5- 8.5 | 7.0- 10.5 | 6.5 | 22 | 1 |
| 4960-20-3.5-6.5 | M 20 x 1.5 | PG 11 | 6.5 | 3.5- 6.5 | 6.5- 9.5 | 6.5 | 22 | 1 |
| 4960-20-3.5-7.0 | M 20 x 1.5 | PG 13.5 | 6.5 | 3.5- 8.0 | 7.0- 10.5 | 6.5 | 22 | 1 |
| 4960-20-6.5-7.0 | M 20 x 1.5 | PG 13.5 | 6.5 | 6.5- 10.5 | 7.0- 10.5 | 6.5 | 22 | 2 |
| 4960-20-6.5-9.0 | M 20 x 1.5 | PG 13.5 | 6.5 | 6.5- 10.5 | 9.0- 13.0 | 6.5 | 22 | 1 |
| 4960-25-3.0-6.5 | M 25 x 1.5 | PG 13.5 | 7.5 | 3.0- 8.0 | 6.5- 9.5 | 7.5 | 28 | 1 |
| 4960-25-5.0-7.0 | M 25 x 1.5 | PG 16 | 7.5 | 5.0- 8.0 | 7.0- 10.5 | 7.5 | 28 | 1 |
| 4960-25-5.0-9.0 | M 25 x 1.5 | PG 16 | 7.5 | 5.0- 8.0 | 9.0- 13.0 | 7.5 | 28 | 1 |
| 4960-25-6.5-9.0 | M 25 x 1.5 | PG 16 | 8 | 6.5- 10.5 | 9.0- 13.0 | 7.5 | 28 | 1 |
| 4960-32-4.5-9.0 | M 32 x 1.5 | PG 16 | 8 | 4.5- 9.5 | 9.0- 13.0 | 8 | 35 | 1 |
| 4960-32-7.0-9.0 | M 32 x 1.5 | PG 21 | 8 | 7.0- 12.0 | 9.0- 13.0 | 8 | 35 | 1 |
| 4960-32-8.0-11.5 | M 32 x 1.5 | PG 21 | 8 | 8.0- 13.5 | 11.5- 15.5 | 8 | 35 | 1 |
| 4960-32-9.0-14.0 | M 32 x 1.5 | PG 21 | 8 | 9.0- 14.5 | 14.0- 18.0 | 8 | 35 | 1 |
| 4960-40-13.0-14.0 | M 40 x 1.5 | PG 21 | 8 | 13.0- 17.0 | 14.0- 18.0 | 8 | 43 | 1 |
| 4960-40-13.0-17.0 | M 40 x 1.5 | PG 29 | 8 | 13.0- 18.0 | 17.0- 20.5 | 8 | 43 | 1 |
| 4960-40-15.0-17.0 | M 40 x 1.5 | PG 29 | 8 | 15.0- 20.0 | 17.0- 20.5 | 8 | 43 | 2 |
| 4960-40-15.0-20.0 | M 40 x 1.5 | PG 29 | 10 | 15.0- 20.0 | 20.0- 25.0 | 8 | 43 | 1 |
| 4960-50-18.5-24.0 | M 50 x 1.5 | PG 29 | 10 | 18.5- 25.0 | 24.0- 28.0 | 10 | 54 | 1 |
| 4960-50-24.0-27.0 | M 50 x 1.5 | PG 36 | 10 | 24.0- 30.5 | 27.0- 32.0 | 10 | 54 | 2 |
| 4960-50-24.0-29.0 | M 50 x 1.5 | - | 10 | 24.0- 30.5 | 29.0- 33.0 | 10 | 54 | 1 |
| 4960-50-34.0-34.0 | M 50 x 1.5 | PG 36 | 10 | 34.0- 38.0 | 34.0- 39.0 | 10 | 57 | 2 |
| 4960-50-34.0-36.0 | M 50 x 1.5 | PG 42 | 10 | 34.0- 39.0 | 36.0- 40.0 | 10 | 57 | 1 |
| 4960-63-33.0-39.0 | M 63 x 1.5 | PG 42 | 15 | 33.0- 38.0 | 39.0- 44.0 | 10 | 68 | 1 |
| 4960-63-36.0-45.0 | M 63 x 1.5 | PG 48 | 15 | 36.0- 42.0 | 45.0- 51.0 | 10 | 81 | 1 |
| 4960-63-42.0-45.0 | M 63 x 1.5 | - | 15 | 42.0- 48.5 | 45.0- 51.0 | 10 | 81 | 1 |
| 4960-63-42.0-51.0 | M 63 x 1.5 | - | 15 | 42.0- 48.5 | 51.0- 56.0 | 16 | 81 | 1 |
| 4960-75-39.0-42.0 | M 75 x 1.5 | - | 15 | 39.0- 48.0 | 42.0- 47.0 | 15 | 81 | 1 |
| 4960-75-39.0-45.0 | M 75 x 1.5 | - | 15 | 39.0- 48.0 | 45.0- 52.0 | 15 | 81 | 1 |
| 4960-75-47.0-54.0 | M 75 x 1.5 | 2 1/2" | 15 | 47.0- 54.0 | 54.0- 58.0 | 15 | 81 | 1 |
| 4960-80-47.0-58.0 | M 80 x 2 | 2 1/2" | 15 | 47.0- 54.0 | 58.0- 64.0 | 15 | 95 | 1 |
| 4960-80-47.0-63.0 | M 80 x 2 | 3" | 15 | 47.0- 54.0 | 63.0- 70.0 | 15 | 95 | 1 |

ORDER EXAMPLE

Series

4960

Number

Please choose a number from the table above. For example number 16-1.5-4.0

*Notice

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