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# EMC POWERCONNECT

Progress® EMC powerCONNECT

1184.50
Gland EMC powerCONNECT, M50, long, ø33…42mm



- Suitable for high leakage currents
- Compression sleeve technology
- Direct 360° concentric contact
- -60°C…+100°C
- IP68 up to 10 bar, IP69

## PRODUCT DESCRIPTION

Progress® EMC powerCONNECT, with its new, advanced compression sleeve, ensures reliable 360° shield contact in a very compact unit. The direct transfer from the shielding to the cable gland's lower part ensures extremely low transfer resistance.

**Low transfer resistance**
As a result of the direct contact between the cable's shielding and the cable gland's cone, transfer resistance is very low giving the optimum shield connection required for high leakage current applications.

**High leakage currents**
The lasting high contact pressure achieved from the fixed compression sleeve and the complete tightening of the middle piece, maximises grounding of leakage currents, the extent of which is limited only by the shield's cross-sectional area.

**High flexibility**
Excellent sealing performance with high flexibility. The two-part sealing inserts facilitate a large spectrum in the clamping range at a protection class of IP 68 / IP 69.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Thread Size (G)** | M50 |
| **Insert Type** | Two-Piece |
| **Cable diameter inner min** | 33 mm |
| **Cable diameter inner max** | 37 mm |
| **Cable diameter min** | 37 mm |
| **Cable diameter max** | 42 mm |
| **IP class** | IP 68 (up to 10 bar), IP 69 further protection |

## DIMENSIONS

| | |
|---|---|
| **Thread pitch** | 1.5 |
| **Thread length** | 14 mm |
| **Height (H)** | 44.5 mm |
| **Spanner width (AF)** | 55 mm |
| **Shield diameter max** | 38.7 mm |
| **Internal cable size** | 37.7 mm |

## MATERIALS

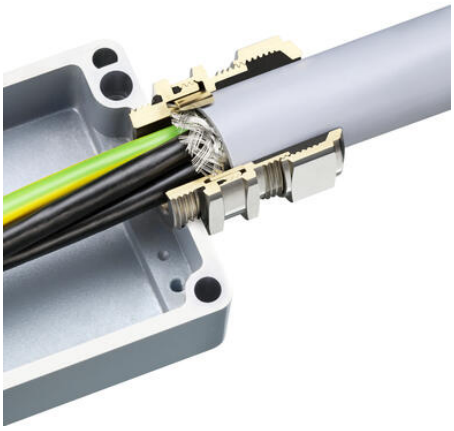
| | |
|---|---|
| **Material** | Nickel-plated brass |
| **Materials O-ring** | NBR |
| **Material of seals** | TPE |
| **Temperature range** | -60°C ... +100°C |

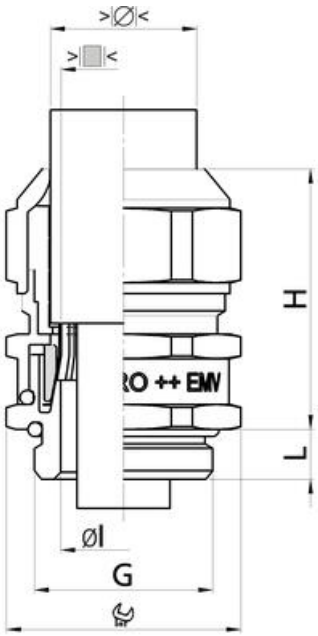
## APPROVALS

| | |
|---|---|
| **Approvals** | CE, cRUus, DNV, EAC, IEC, VDE |
| **Strain relief** | Version A acc. to EN 62444 |

## ADDITIONAL DATA

| | |
|---|---|
| **Pack size** | 10 |
| **Country of origin** | CH |
| **Tariff code** | 74199949 |
| **Weight** | 341.2 g |
| **Additional features** | Approvals in preparation |




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