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# HIGH TEMPERATURE

Progress® HT

1000.10.91.040
Gland NPB, High temp, M10, ø3…4mm



- Single or two piece sealing inserts
- Great flexibility
- -40°C…+200°C
- IP 68 up to 10 bar, IP69

### PRODUCT DESCRIPTION

The High temperature Progress® range of nickel-plated brass glands are a tried and tested solution for cable entry in industrial applications and use an FPM seal insert, giving them a temperature range of -40°c to 200°C.

This range is available with two pieces inserts which offer a wide cable clamping range or for the best fit, one piece inserts that are designed for a smaller overall cable size range.

The outstanding compression technology is designed to be used in a wide range of applications and guarantees an effective seal with excellent cable-protecting strain relief, even where vibration is an issue.

The Progress® glands are available with a short or long entry thread metric, Pg, imperial or NPT and can be used with existing threaded holes or with a lock nut.

When tightening the gland, a small bulge in the sealing insert confirms the correct tightening torque has been reached, giving positive visible feedback to the installer.

The integrated retaining grooves in the lower part of the gland and in the sealing insert prevent the insert from twisting and becoming deformed.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Thread Size (G)** | M10 |
| **Insert Type** | One-Piece |
| **Cable diameter min** | 3 mm |
| **Cable diameter max** | 4 mm |
| **IP class** | IP 68 (up to 10 bar), IP 69 further protection |

## DIMENSIONS

| | |
|---|---|
| **Thread pitch** | 1.5 |

| | |
|---|---|
| **Thread length** | 5 mm |
| **Height (H)** | 15 mm |
| **Spanner width (AF)** | 13 mm |

## MATERIALS

| | |
|---|---|
| **Material** | Nickel-plated brass |
| **Materials O-ring** | FPM |
| **Material of seals** | FPM |
| **Temperature range** | -40°C … +200°C |

## APPROVALS

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

## ADDITIONAL DATA

| | |
|---|---|
| **Pack size** | 50 |
| **Country of origin** | CH |
| **Tariff code** | 74199949 |
| **Weight** | 10.27 g |
| **Additional features** | Metric coarse-pitch thread (with VDE test report) |






