**OEM Automatic Ltd**
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## GENERAL PURPOSE

Progress® MS

1100.10.040
Gland NPB, M10, long, ø3…4mm



- Single or two piece sealing inserts
- Outstanding compression technology
- -40°C…+100°C
- IP68 up to 10 bar, IP69
- NPT and Gas pipe threads on request

### PRODUCT DESCRIPTION

The Progress® range of nickel-plated brass glands are a tried and tested solution for cable entry in industrial applications.

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.

AGRO Progress® metal cable glands are also available with sealing inserts made of a special TPE which are certified according to EN 45545, NFPA 130 and can be used with confidence for any rolling stock applications. The part numbers will be prefixed with 'F' to identify the products, please contact us for pricing.

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** | 10 mm |
| **Height (H)** | 15 mm |
| **Spanner width (AF)** | 13 mm |

## MATERIALS

| | |
|---|---|
| **Material** | Nickel-plated brass |
| **Materials O-ring** | NBR |
| **Material of seals** | TPE |
| **Temperature range** | -40°C ... +100°C |

## APPROVALS

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

## ADDITIONAL DATA

| | |
|---|---|
| **Pack size** | 50 |
| **Country of origin** | CH |
| **Tariff code** | 74199949 |
| **Weight** | 11.11 g |
| **Additional features** | Metric coarse-pitch thread (with VDE test report) |






