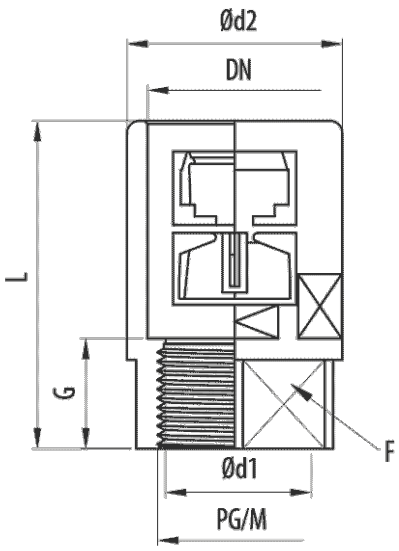
# Female Straight Connector ( Ref: 31020416 )






## Description

Basic straight connector made of self-extinguishing polyamide 6 with internal thread in RAL 7011 gray or black RAL 9005, metric and PG thread, halogen-free, flame retardant, IP54 or IP67 protection index with additional inner seal. The internal connection of the conduit is suitable for the installation of Pemsaflex® flexible conduits LG-PA, ST-PA, RF-PA, RB-PA and RB-PU.

## Advantages

UL and CSA certification. CE conformance with the 2014/35 directive and the IEC 61386 standard. Halogen-free according to EN 50267-2-1 standard. In accordance with standard EN 60204-1 (machine safety).

Manufactured in polyamide 6. Self-extinguishing, halogen-free according to UNE/EN 60754-2 y UNE/EN 60754-1 and flame-retardant.

It allows the connection, with another straight connection of external thread, for the joining of sections of conduits.

Click connection system that allows easy and fast coupling to the conduit.

Working temperature: -25°C to + 105°C. Degree of protection IP54 according to classification EN60529.

## Applications

Suitable for the connection of Pemsaflex®, LG-PA, ST-PA, RF-PA, RB-PA and RB-PU conduits for the protection of wiring and conductors in electrical installations of machines, tools, industrial equipment, robots , vehicles and special facilities.

## Solutions



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## Product data

| | | | |
|---|---|---|---|
| **ETIM 10** | EC001176 | **Torque wrench** | 30 |
| **Huella de CO2. GWP A1-A3 (kg CO2 eq.)** | | **kg/u** | 0,008 |
| **Colour** | Grey RAL 7011 | **u** | 50 |
| **DN** | NW17 | **Material** | Polyamide 6 |
| **M/PG** | PG16 | **IP** | IP54 |
| **G (mm)** | 13 | **Working temperature range (°C)** | -25 / 105 ºC |
| **Ø d1 (mm)** | 17.3 | **Fire resistance** | LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA |
| **Ø d2 (mm)** | 33.2 | | |
| **L (mm)** | 39 | | |

## Ⓢ Protection System

**CU** - Copper electroplated

**PG** - Pregalvanised

**EZ** - Electrogalvanised

**BC** - Electrogalvanised Bichromate

**BK8** - High Resistance Coating

**GC** - Hot Dip Galvanising

**INOX** - Stainless Steel

**PT** - Polyester Paint

**AL** - Aluminum

**LN** - Brass or Nickel-plated brass

## Ⓜ Insulating materials

**PC+ABS** - Halogen Free Polycarbonate + ABS

**PVC** - Polyvinyl Chloride

**PP** - Halogen Free Polypropylene

**PA6** - Halogen Free Polyamide 6

**PA12** - Halogen Free Polyamide 12

**PU** - Polyurethane

**PE** - Polyethylene

**NBR** - NBR rubber

**PET** - Thermoplastic Polyester

**TPV** - Thermoplastic



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