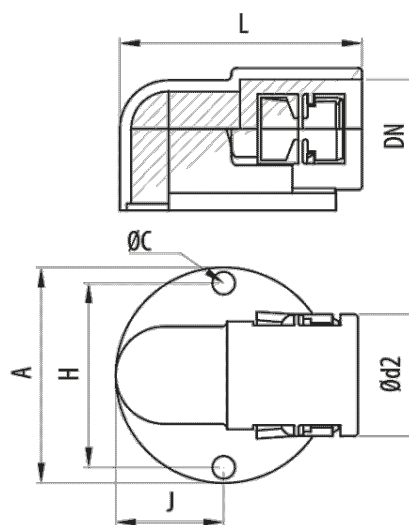
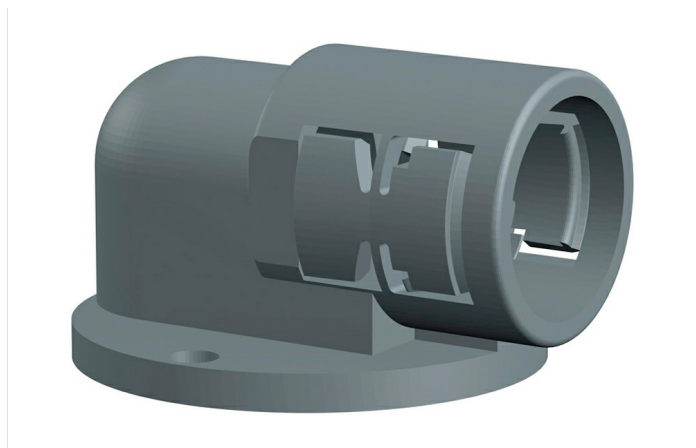


**AB 90° Connector** ( Ref: 31050600 )

1/2



### Description

90° angle connector made from self-extinguishing polyamide 6 in RAL 7011 grey or RAL 9005 black, metric and PG thread, halogen-free, flame retardant and an IP54 protection rating. The AB 90 connector is suitable for the installation of Pemsaflex® LG-PA, ST-PA, RF-PA, RB-PA and RB-PU conduits where it is necessary to create a 90° angle in small spaces.

### Advantages

Suitable for conduit assemblies creating 90° angles in tight spaces. It has a fixing base with four holes.

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.

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                                     |  |
| Huella de CO2. GWP A1-A3 (kg CO2 eq.) |  |                                              |  |
| Colour                                |  | Grey RAL 7011                                |  |
| DN                                    |  | NW29                                         |  |
| Ø d2 (mm)                             |  | 41.8                                         |  |
| L (mm)                                |  | 78                                           |  |
| A (mm)                                |  | 67                                           |  |
| B (mm)                                |  | 36                                           |  |
| Ø C (mm)                              |  | 6.5                                          |  |
| H (mm)                                |  | 54                                           |  |
| J (mm)                                |  | 22                                           |  |
| kg/u                                  |  | 0,049                                        |  |
| u                                     |  | 20                                           |  |
| Material                              |  | Polyamide 6                                  |  |
| IP                                    |  | IP54                                         |  |
| Working temperature range (°C)        |  | -25 / 105 °C                                 |  |
| Fire resistance                       |  | LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA |  |

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