



### Description

90° coupling in self-extinguishing polyamide 6 with external thread in RAL 7011 grey or RAL 9005 black, metric and PG thread, halogen-free, flame retardant, IP54 protection rating and IP67 with additional inner seal. The RA 90 connector is suitable for the installation of Pemsaflex® LG-PA, ST-PA, RF-PA, RB-PA and RB-PU flexible conduits where a 90° angle is required.

### Advantages

Suitable for creating 90° angles in conduit assemblies.

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



| Product data                          |  |                                              |  |
|---------------------------------------|--|----------------------------------------------|--|
| ETIM 10                               |  | EC001176                                     |  |
| Huella de CO2. GWP A1-A3 (kg CO2 eq.) |  |                                              |  |
| Colour                                |  | Black RAL 9005                               |  |
| DN                                    |  | NW29                                         |  |
| M/PG                                  |  | PG29                                         |  |
| G (mm)                                |  | 14                                           |  |
| Ø d1 (mm)                             |  | 30.3                                         |  |
| Ø d2 (mm)                             |  | 41.8                                         |  |
| Angle                                 |  | 90                                           |  |
| L (mm)                                |  | 73.8                                         |  |
| A (mm)                                |  | 60.9                                         |  |
| kg/u                                  |  | 0,036                                        |  |
| u                                     |  | 30                                           |  |
| 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