



### Description

45° connector in self-extinguishing polyamide 6 with external thread in RAL 7011 grey or black RAL 9005, PG thread, halogen-free, flame retardant, IP67 protection rating. The RAM 45° connector is suitable for the installation of Pemsaflex® LG-PA, ST-PA, RF-PA, RB-PA and RB-PU flexible conduits where a 45° angle is required.

### Advantages

Suitable for conduit assemblies where it is necessary to create 45° angles to connect to equipment or machines with a metal thread. Maintains the electrical continuity of the installation.

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 and flame-retardant. Metal thread in nickel-plated brass.

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

Working temperature: -25°C to + 105°C. Degree of protection IP67 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

Protection System	LTN	L (mm)	47
Finish	Nickel-plated brass	A (mm)	43.4
Colour	Black RAL 9005	kg/u	0.011
DN	NW10	u	30
M/PG	M20	Material	LATÓN NIQUELADO,POLIAMIDA 6
G (mm)	11	IP	IP67
Ø d1 (mm)	9.9	Working temperature range (°C)	-25 / 105 °C
Ø d2 (mm)	21.1	Fire resistance	LIBRE DE HALÓGENOS,NO PROPAGADOR DE LA LLAMA
Angle	45		

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