

# PRODUCT DATA SHEET

## Lightning protection systems

### Non isolated LPS

**Code: 6521031-71**

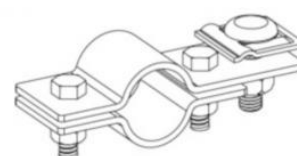
**Description: Connector for FRANKLIN rod, code 6521031-71**

#### Application

Connector for connection of Franklin rod to solid round or stranded conductor.

#### Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use
- Intended to withstand a static mechanical load
- Non-permanent connection



#### Technical characteristics - Installation instructions

Material	Franklin rod pipe clamp: Nickel plated copper (Cu/eNi). Conductor clamp: Stainless steel (SSt).
Description	It is consisted of a pipe clamp which bonds the Franklin rod and a conductor clamp which bonds the conductor.
Bolts / nuts	M8x20 mm, V2A stainless steel hexagon head bolts. M8 V2A stainless steel nuts. M10x30 mm, V2A stainless steel carriage bolt. M10 V2A stainless steel nut.
Franklin rod dimensions	Ø30 mm.
Conductor's dimensions	Ø6-10 mm (35-70 mm <sup>2</sup> ).
Connection arrangements	Parallel (B2). / "T" (B4).
Installation	Outdoor.
Can be connected with	Al, Cu, Cu/eNi, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.
Tightening torque	13 Nm (M8), 17 Nm (M10).

## Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection components".

Test reports No **30873 & 30910** by accredited laboratory as per ISO 17025.

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Unit: piece / Package: 1 piece

We reserve the right to introduce changes in the component due to technical evolution.