

# PMT

## Earthing pliers

- Group IIC
- Zone 1, 2, 21, 22
- Robust and easy to handle
- High resistance to corrosion and extreme weather
- Safe and reliable over time



# PMT Earthing pliers

The PMT pliers are used to connect tankers and tank trucks to ground during loading and unloading operations. The ground contact occurs inside the body of the pliers in an Ex d chamber, only after the pliers have been connected to the local earthing system.

Cortem Group applies a tamper-evident holographic security label to its products, complete with a unique authentication numeric code, to combat the illegal sale of imitations and counterfeits, as well as guarantee the authenticity of its products. Failure to observe international standards creates serious risks for the environment and, above all, for the personnel who work with the systems on a daily basis.



## Sectors of application:



Petroleum refineries



Chemical and petrochemical facilities



Onshore facilities



Offshore facilities



Petroleum loading/unloading pontoons



Agribusiness facilities



Fuel storage facilities



100% produced by Cortem

## CERTIFICATION DATA

### Classification:

Group II

Category 2GD

### Installation: EN 60079.14

zone 1 - zone 2 (Gas)

zone 21 - zone 22 (Dust)

### Marking:

CE 0722 Ex II 2GD - Ex d IIC T6 Ex tD A21 IP65 T85°C

### Certificate:

ATEX CESI 03 ATEX 201

### Standards:

CENELEC EN 60079-0: 2006, EN 60079-1: 2004, EN 61241-0: 2006, EN61241-1: 2004 and European Directive 2014/34/EU.

### Temperature class:

85°C (T6)

### Ambient Temperature:

-20°C +55°C

### Degree of protection:

IP65

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## MECHANICAL FEATURES

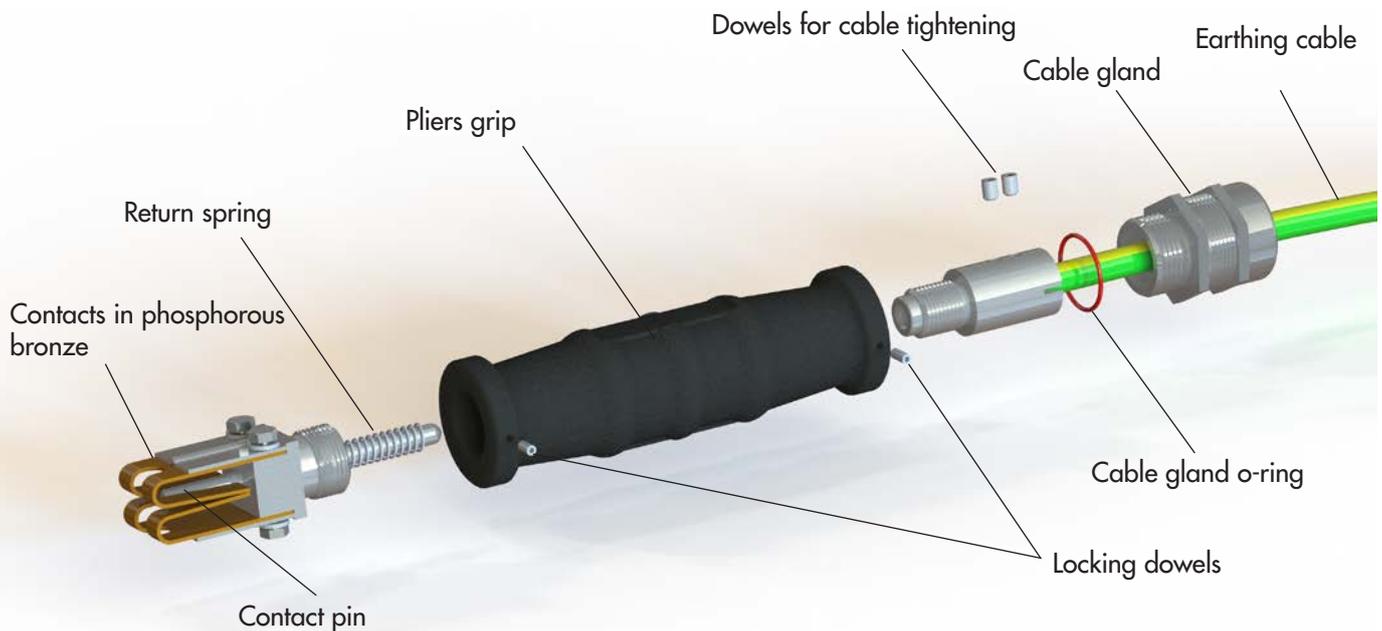
<b>Grip:</b>	In black non-slip rubber
<b>External contact elements:</b>	In phosphorous bronze
<b>Certificate label:</b>	Riveted aluminium on the grip
<b>Screws, bolts and nuts:</b>	Stainless steel
<b>Cable gland:</b>	For non-armored cable, thread ISO M32

## ELECTRICAL FEATURES

<b>Isolating voltage:</b>	3 kV
<b>Rated current:</b>	20 A

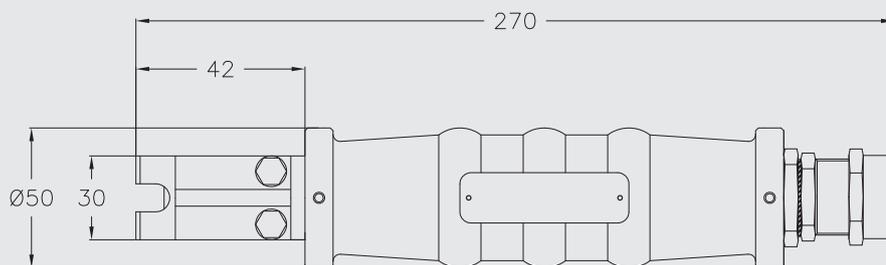
## SELECTION TABLE

Code	Cable range	Connection plate thickness	Weight Kg
PMT-B2	Ø 11 - 14	4 - 7	0.8



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## DIMENSIONAL DRAWING



Dimensions in mm

