

GROUNDING CLAMPS

series
PTA 10

Protection	Gas	Zone	1-2	II2G	Ex db IIC T6÷T5 Gb
	Dusts		21-22	II2D	Ex tb IIIC T85°C÷T100°C Db

Degree of Protection	IP66/67
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Amb. Temp.	Standard	-20°C	+40°C
	Extended	-50°C	+80°C



Material
Sleeve in Polyamide.
Anchor hook in Stainless Steel AISI 304.
Contact Spring in Brass.

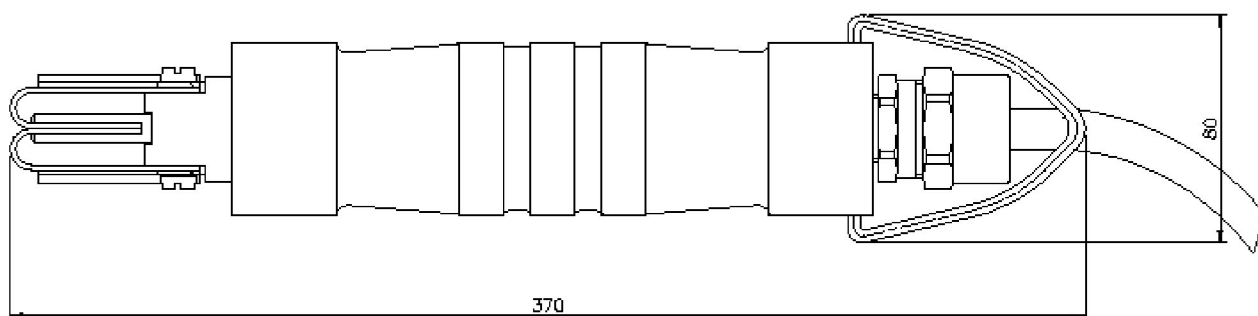
Standards and Certificates	Directive 2014/34/EU (ATEX)
	EN 60079-0 • EN 60079-1 EN 60079-31
	CE BVI 14 ATEX 0011
	IEC 60079-0 • IEC 60079-1 IEC 60079-31
	IECEx EPS 14.0030X

- Indispensable whenever it is required the temporary grounding of tank trucks or tankers during transfer either of liquids or hazardous substances.
- The fastening is secured by two brass springs of great strength.

Options

- Stainless steel AISI 316L cable gland.

- Cable gland with female bushing 1/2" NPT (N).



Insulation Voltage	Gripping capacity	Max Current	Cable Section	Weight (kg)
3000 V	0.5 mm ÷ 3 mm	10 A	6 - 10 - 16 mm ²	1

NOTES

To read the installation and maintenance instructions is recommended.

The temperature class T6/T85°C takes into account an extended Ambient Temperature (A.T.) from -50°C to +60°C; whereas the temperature class T5/T100°C of an extended A.T. from -50°C to +80°C.

GROUNDING CLAMPS

series
ISEO I

Protection	Gas	Zone	1-2	II2G	Ex d IIC T6 Gb
	Dusts	Zone	21-22	II2D	Ex tb IIIC T85°C Db

Degree of Protection	IP65
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Amb. Temp.	Standard	-20°C	+55°C
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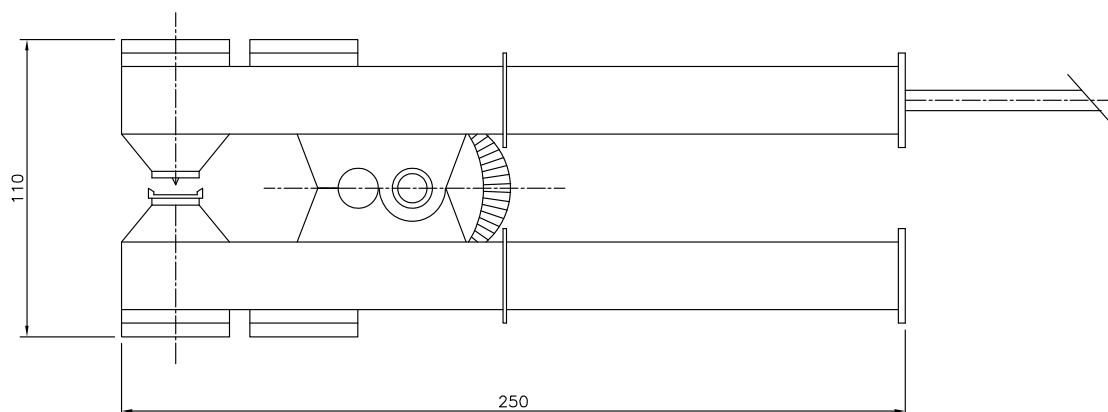


Material	Aluminum. Contact tips in Carbonitrided steel.
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Standards and Certificates	Directive 2014/34/EU (ATEX)
	EN 60079-0 • EN 60079-1 EN 61241-0 • EN 61241-1
	CE CESA 03 ATEX 101X

- Normally supplied with 11 m of special high flexibility and tenacity cable of 6 mm² section.
- Recommended for grounding of tanks, drums, etc..
- Equipped with tearingproof junction between the cable of the user and the one of the clamp.
- The electrical continuity is ensured by the carbonitrided steel contact tips which make a firm connection to any foothold having a thickness between 2 and 20 mm.

Options	- Cable length as per customer specification.	- Available ISEO 2 provided with 3x3 mm ² cables of 11 m lenght.
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Insulation Voltage	Gripping capacity	Max Current	Cable Section	Weight (kg)
3000 V	2 mm ÷ 20 mm	10 A	4.0 ÷ 6.0 mm ²	0.7

NOTES

Check daily the sliding of the crimping rod within the body of the clamp. Keep the coupling clean and lubricated with silicone spray. This is necessary to ensure grounding while making sure that any disruptive discharges occur in the inner chamber, purposely isolated, and not in the external environment.

For correct operation of the clamp it is recommended a monthly check of the crimping plugs, subject to wear; this ensures a perfect contact with the terminal which are linked to.

Check the integrity of the electrical cable to the ground terminal in the vicinity of the clamp itself; verify the electrical continuity (at least once a month).

For use in potentially explosive atmospheres caused by dusts the user must provide a regular cleaning to limit the formation of layers of dust.

GROUNDING CLAMPS with ELECTRICAL CONTROL

series
DMTB 20R

Protection	Gas	Zona	1-2	II2G	Ex d[ia] IIB+H2 T6 Gb
	Dust	Zona	21-22	II2GD	Ex tb IIC T80°C÷T130°C Db

Degree of Protection	IP65/IP66
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Amb. Temp.	Standard Extended		-20°C		+40°C
			-50°C		+60°C



Material	Light Alloy Aluminium
	Carbo-nitrided Steel Contact Tips.

Standards and Certificates



Directive 2014/34/EU

EN 60079-0 • EN 60079-1



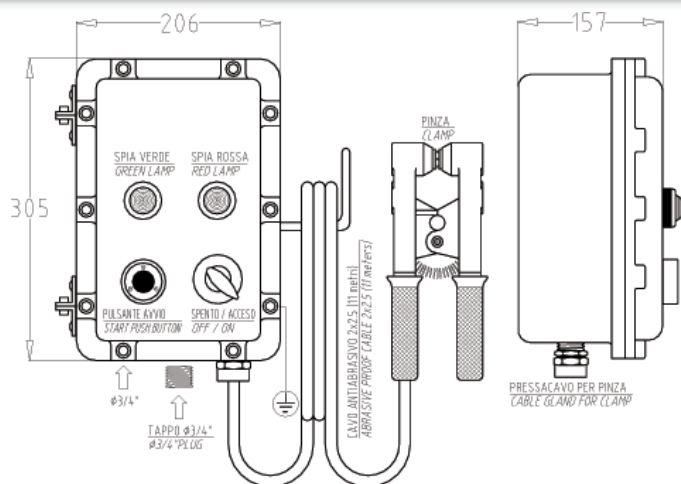
CEC 10ATEX0036

- Normally supplied complete with 11m of special 2x2.5mm² non-abrasive electric cable with high flexibility and tenacity.
- Recommended for the grounding of tankers.
- Equipped with anti-tear system of the joint between the user's cable and the cable of the same clamp.
- The electrical continuity is ensured by the carbonitrided steel contact points which guarantee a firm connection to any support having a thickness between 2 and 20 mm.

Options

- Different cable gland lenght (to define)

- Screws in stainless steel AISI 316L and gaskets for degree IP66



Supply Voltage

230 V - 50/60Hz

Holding capacity

2 mm ÷ 20 mm

Nominal Current

28 mA

Cable section

2x2,5 mm²

Weight (kg)

14

NOTES

Check the sliding of the crimping rod daily in the clamp, keeping the coupling clean and lubricated with silicone spray. This operation is necessary to ensure grounding and to guarantee that any destructive discharges occur in the internal chamber, specifically isolated and not in the external environment.

For a good operation of the clamp we recommend a monthly check of the crimping pins subject to worn, which ensures perfect link with the terminal to which they are attached.

Check the integrity of the electric cable both at the ground terminal and near the clamp; check the electrical continuity (at least once a month).

For use in a potentially explosive atmosphere caused by combustible dusts, the user must ensure regular cleaning to limit the formation of dust layers.