

PROFI-LINE 114-1 GROUNDING CLAMPS

Zones 0, 1, 2, 20, 21, 22

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ATEX GROUNDING CLAMPS

ZONES 0, 1, 2 (gas) & 20, 21, 22 (dust)

The grounding clamp PROFI-line 114-1 is suitable for all common applications, such as grounding of drums, containers and canisters. Due to the heavy design of the grounding clamp, it is also suitable for the roughest environmental conditions.

The built-in stainless steel teeth are hardened and therefore particularly durable. When the grounding clamp is not in use, the teeth are protected by the existing relief holes in the clamp.

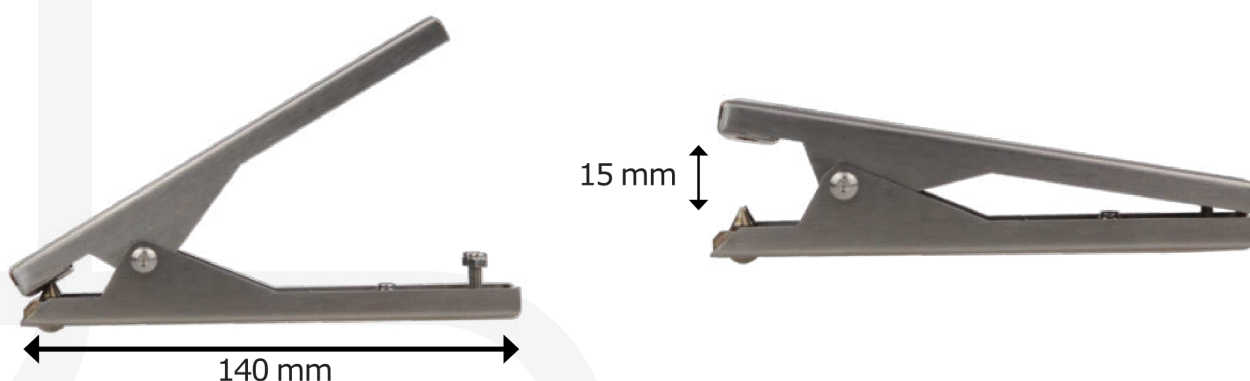


EU-Type Examination Certificate

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CONTROL & CONNECTION EQUIPMENT



These grounding clamps are especially made for discharging electrostatic charge from potentially endangered system parts. Sharp stainless steel teeth get through insulating layers such as paint, rust, dirt and grease thanks to the high pressure of the spring. In this way an effective “metal-to-metal” connection can be created and a safe grounding guaranteed.

- Hardened stainless steel teeth for long life.
- Approval for Zone 0 and Zone 20 according to Directive 2014/34/EU.
- All metallic parts are made of stainless steel.
- High contact pressure of the clamp, due to a strong spring.

ITEM REFERENCES

Designation:	Item No.:
PROFI-line 114-1	6D0640

TECHNICAL SPECIFICATIONS

Marking:	II 1G Ex h IIC T6 Gb II 1D Ex h IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Material:	Stainless steel 1.4310
Side length:	140 mm
Opening angle:	15 mm
Connection type:	1-core via M3 eyelet (max. 4mm ²)
Stainless steel teeth:	Hardened, 2 pieces (mounted on one leg side)

SPIRAL CABLE, STEEL (1 CORE)

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ATEX GROUNDING



For use in hazardous areas according to EN 60079-14.

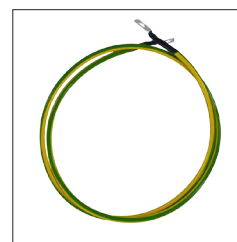
The steel spiral cables offer superior mechanical strength.

The cable withstands continuous daily use and is extremely resistant to acids, alkalis, mineral oils, greases and other chemicals due to its cable coating.

These spiral cables meet all requirements of the standards EN 60079-0 and EN 60079-14 and may be used accordingly in potentially explosive atmospheres.

The spiral cables are free of silicone.

The cable ends can be assembled with eyelets at no extra charge.



ITEM REFERENCES

Designation:	Cable colour:	Core:	Block length:	Item No.:
1m straight cable	Green	Steel-core	-	A179008
3m spiral cable	Green	Steel-core	160 mm	A173019
5m spiral cable	Green	Steel-core	260 mm	A173020
10m spiral cable	Green	Steel-core	600 mm	A173021
1m straight cable	Green/Yellow	Steel-core	-	A173010
3m spiral cable	Green/Yellow	Steel-core	160 mm	A173022
5m spiral cable	Green/Yellow	Steel-core	260 mm	A173023
10m spiral cable	Green/Yellow	Steel-core	600 mm	A173024

TECHNICAL SPECIFICATIONS

Cable type:	ST-Li2Y
Cable colour:	Green or Green / Yellow
Cross section:	4 mm ²
Wire type:	Steel cable
Ambient temperature:	-40°C...+80°C

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CONTROL & CONNECTION EQUIPMENT

SPIRAL CABLE, COPPER (1 CORE)

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CONTROL & CONNECTION EQUIPMENT

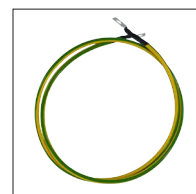
ATEX GROUNDING

The copper spiral cables offer extremely high flexibility. The copper core used consists of 226 individual copper strands, which minimize the risk of cable breakage. The cable coating protects well against acids, alkalis, mineral oils, greases and other chemicals.

These spiral cables meet all requirements of the standards EN 60079-0 and EN 60079-14 and may be used accordingly in explosive areas.

The spiral cables are free of silicone. The cable ends can be assembled with eyelets at no extra charge.

For use in hazardous areas according to EN 60079-14.



ITEM REFERENCES

Designation:	Cable colour:	Cross section:	Block length:	Item No.:
1m straight cable	Green/Yellow	4 mm ²	-	A179010
1m spiral cable	Green/Yellow	4 mm ²	100 mm	A416106
3m spiral cable	Green/Yellow	4 mm ²	600 mm	A416123
5m spiral cable	Green/Yellow	4 mm ²	1000 mm	A416107
10m spiral cable	Green/Yellow	4 mm ²	2000 mm	A416108
1m spiral cable	Green/Yellow	2,5 mm ² (according to TRGS 727)	100 mm	A179013
3m spiral cable	Green/Yellow	2,5 mm ² (according to TRGS 727)	600 mm	A416332
5m spiral cable	Green/Yellow	2,5 mm ² (according to TRGS 727)	1000 mm	A416333

TECHNICAL SPECIFICATIONS

Cable type:	LIF11Y11Y, 226x0,15mm
Cable colour:	Green / Yellow
Cross section:	4 mm ² / 2,5 mm ²
Wire type:	Copper
Ambient temperature:	-40°C...+80°C