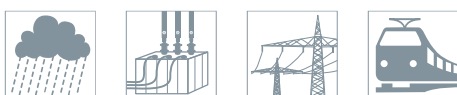


3. Verify that the Installation is dead – DEHNcheck Voltage Detectors

PHE/G d.c. Voltage Detector



PHE/G II d.c. voltage detector for d.c. links (ICE power car)



The test prod of d.c. voltage detectors is colour-coded according to the polarity of the test prod:

positive pole – red;
negative pole – blue.

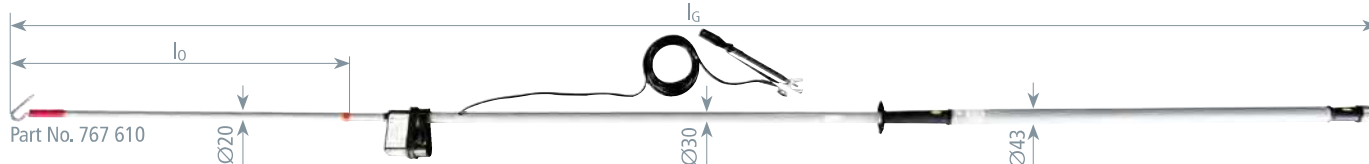
Nominal voltages up to 24 kV d.c.
Safe verification of isolation from supply voltage

- For use in direct voltage systems (electrified rail networks, d.c. links)
- Reliable indication
- Easy to use due to compact design
- User-friendly

General Information:

Standard	Based on EN/IEC 61243-2 (DIN VDE 0682-412)
Temperature range	–25 °C ... +55 °C, climatic category N
For use in wet weather conditions	
For	Indoor and outdoor installations
Indication	Visual
Self-testing element	Yes
Material (test prod)	Glass-fibre reinforced polyester tube
Material (indicator)	Plastic, fully insulated
Material (insulating stick)	Glass-fibre reinforced polyester tube
Material (earthing / connecting cable)	Copper cable, highly flexible

Earth clamp with adjustable handle and magnet



Part No. 767 610
Part No. 767 614

PHE/G I for Overhead Contact Lines, **positive pole** on indicator with test prod

One stick (three elements)

- For direct voltage systems with earthed negative pole
- Positive pole: Indicator with test prod
- Negative pole: Earth clamp

NEW

Type	PHEG1 FD P 3
Part. No.	767 610 NEW
Threshold voltage (U_t)	1.1 kV
Nominal voltage (U_N)	3.0 kV
Length (earthing cable)	6000 mm
Total length (l_G)	4125 mm
Insertion depth (l_0)	1015 mm

PHE/G I for Overhead Contact Lines, **negative pole** on indicator with test prod

One stick (four elements)

- For d.c. voltage systems with earthed positive pole
- Negative pole: Indicator with test prod
- Positive pole: Earth clamp

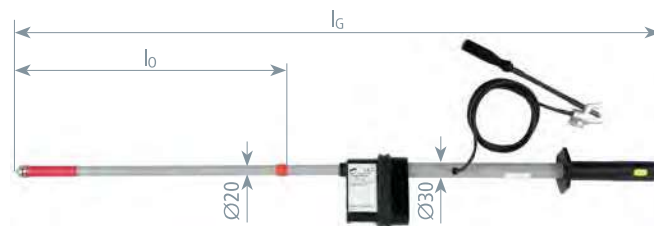
Type	PHEG1 FD M SN7223
Part. No.	767 614 NEW
Threshold voltage (U_t)	0.825 kV
Nominal voltage (U_N)	1.65 kV
Length (earthing cable)	8000 mm
Total length (l_G)	4160 mm
Insertion depth (l_0)	1015 mm

PHE/G I for Switchgear Installations, **positive pole** on Indicator with Test Prod

One stick

- For direct voltage systems with earthed negative pole
- Positive pole: Indicator with test prod
- Negative pole: Earth clamp

Type	PHEG1.S P SN7401
Part. No.	767 666
Threshold voltage (U_t)	120 V
Nominal voltage (U_N)	1 ... 24 kV
Length (earthing cable)	2000 mm
Total length (l_G)	1260 mm
Insertion depth (l_0)	535 mm

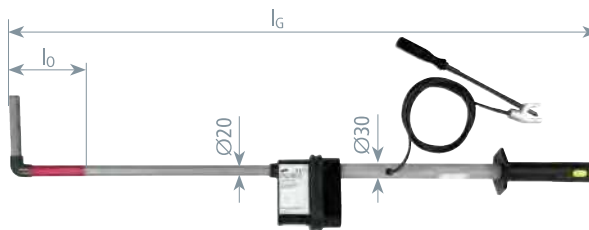


3. Verify that the Installation is dead – DEHNcheck Voltage Detectors

PHE/G I for Switchgear Installations, **positive pole** on indicator with test prod, angled

One stick

- For direct voltage systems with earthed negative pole
- Positive pole: Indicator with test prod
- Negative pole: Earth clamp

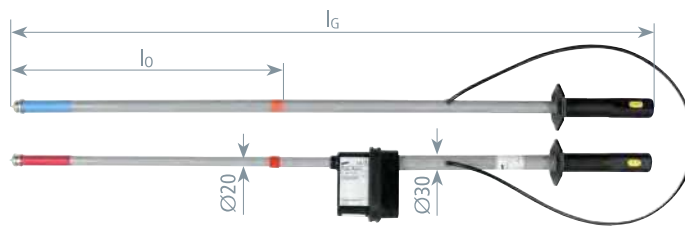


Type	PHEG1 S P SN7240
Part. No.	767 636 NEW
Threshold voltage (U _t)	60 V
Nominal voltage (U _N)	3.8 kV
Length (connecting cable)	4000 mm
Total length (l _G)	1100 mm

PHE/G II for Switchgear Installations

Two sticks

- For unearthed direct voltage installations
- For d.c. links
- Positive pole: Indicator with test prod
- Negative pole: Insulating stick

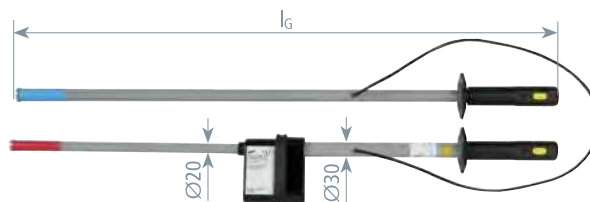


Type	PHEG2.P SN7517
Part. No.	767 671
Threshold voltage (U _t)	90 V
Nominal voltage (U _N)	1 ... 24 kV
Length (connecting cable)	1200 mm
Total length (l _G)	1260 mm
Insertion depth (l ₀)	545 mm

PHE/G II for Switchgear Installations and d.c. Links

Two sticks

- For unearthed direct voltage installations
- For d.c. links (e.g. electric locomotives; Part No. 767 647)
- Positive pole: Indicator with test prod
- Negative pole: Insulating stick

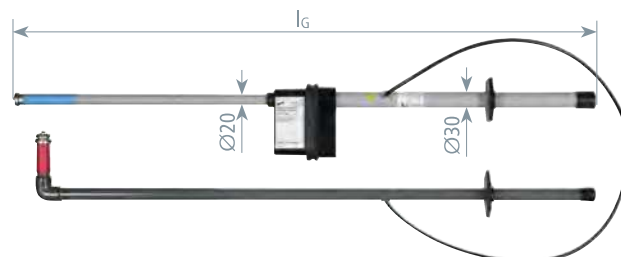


Type	PHEG2 P SN7552	PHEG2 P SN7259	PHEG2 P SN7407	PHEG2 P SN7194
Part. No.	767 647	767 645	767 640 NEW	767 637
Threshold voltage (U _t)	90 V	120 V	350 V	750 V
Nominal voltage (U _N)	1 ... 4.2 kV	1 ... 12 kV	600 ... 750 kV	1.5 kV
Length (connecting cable)	1200 mm	1200 mm	1200 mm	1200 mm
Total length (l _G)	600 mm	1085 mm	1085 mm	1085 mm

PHE/G II, angled **positive pole**

Two sticks

- For unearthed direct voltage installations
- For d.c. links
- Positive pole: Insulating stick
- Negative pole: Test prod



Type	PHEG2 P SN7346
Part. No.	767 639
Threshold voltage (U _t)	150 V
Nominal voltage (U _N)	750 V
Length (connecting cable)	1200 mm
Total length (l _G)	1100 mm