

Technical Information

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Safety Pips

(Part No.: 7100.181)

- Continuous wrist strap monitor
- Monitors the wrist strap to ground connection and the connection between the wrist strap and the wearer
- Audible and visible alarm indicators
- Battery operated. The battery condition is checked at every power-on.
- Automatic power-on when coil cord is snap onto the Safety Pip.
- Test method: capacitive measurement of the impedance

Technical data:

	<u>Limit values</u> Wrist strap test	<u>Display</u>
OK	1M Ω - 2M Ω +100pF ($\pm 10\%$)	green
HI Fail	> 5 M Ω	red (flashing)
LO Fail	< 400 k Ω	red (steady light)
Test current at 1 MΩ	DC < 0,01 μ A, AC < 1,0 μ A	

Dimension:
125 x 60 x 26 mm



Standard: 10mm snap
Optional: 4mm banana plug (socket)

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Safety Pips with relay output (Part No.: 7100.181.K)

- Continuous wrist strap monitor
- Monitors the wrist strap to ground connection and the connection between the wrist strap and the wearer
- Visible alarm indication and relay output for remote supervision
- Power supply: 230V/AC
- Test method: capacitive measurement of the impedance

Technical data:

	<u>Limit values</u> Wrist strap test	<u>Display</u>	<u>Relay output</u>
OK	1M Ω - 2M Ω +100pF ($\pm 10\%$)	green	closed
HI Fail	> 5 M Ω	red (flashing)	open
LO Fail	< 400 k Ω	red (steady light)	open
Test current at 1 MΩ	DC < 0,01 μ A, AC < 1,0 μ A		
Relay time delay	On: 1 sec.	Off: 5 sec.	
Relay output	max. 60V, 0,2 A		

