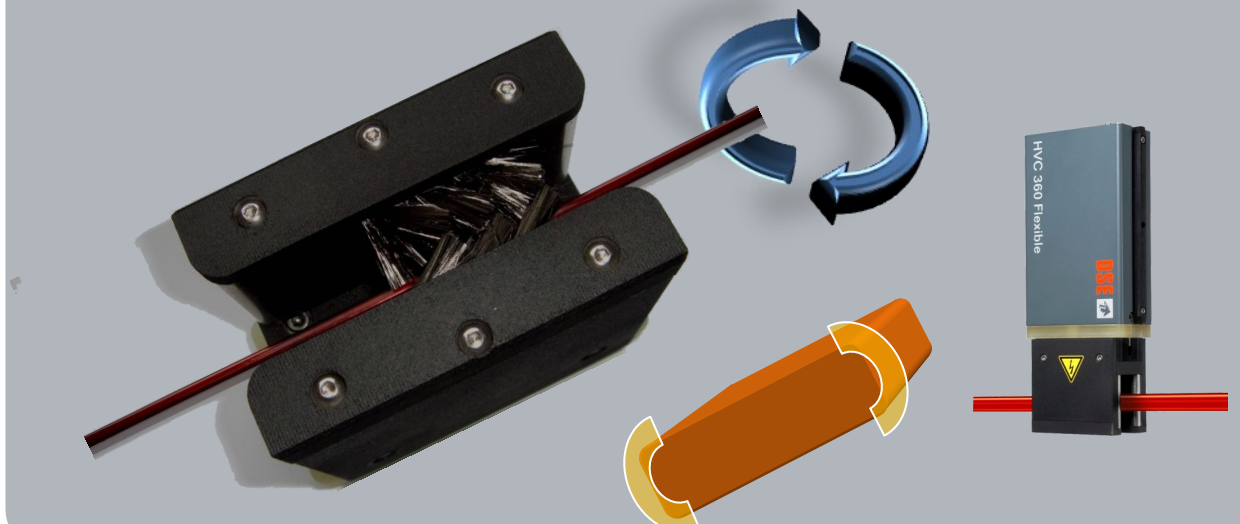


# HVC 360 Flexible Profile for rectangular wire

360° Coverage



## HVC 360 Flexible Profile for rectangular wire

DSE is now launching a special version optimised for profile wire. The electrode is based on the same type of soft brushes as used in the HVC Flexible for standard wire with success. The low tension in soft brushes brings new opportunities for superior quality control of a wide range of dimensions - and with a full 360-degree coverage.

The HVC Flexible Profile features:

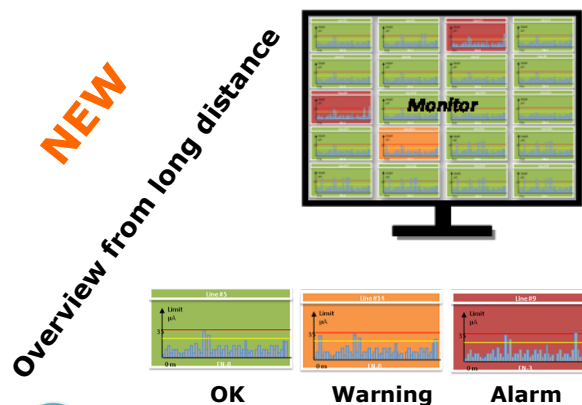
- Weak spot detection
- Full 360° coverage
- Easy to maintain
- No damage of the enamel because of the very soft conductive brushes
- No damage from sparks
- Wide range of dimensions
- Measuring according to standard: NEMA MW 1000-2003

Dimensions:

Height : From 0.5 mm to 8 mm

Width: From 2.0 mm to 20 mm

## Background shows status



### NEW Features:

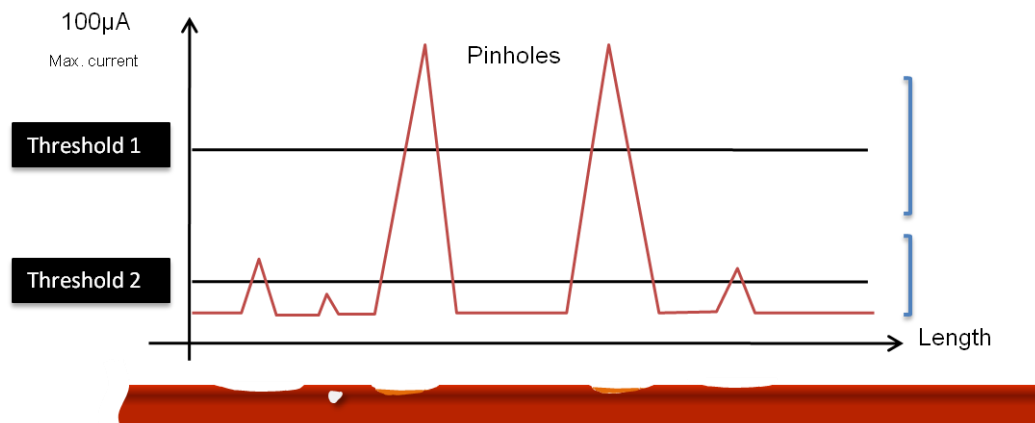
Surveillance of more than 24 lines even from a long distance.

The background of each line now shows actual status simple by changing the colour of the background .

This means that the operator can get important information from a long distance

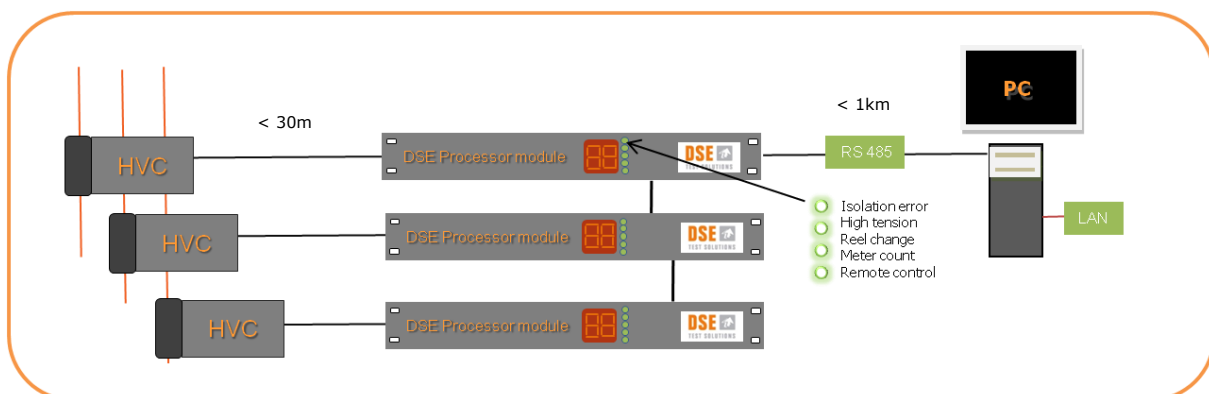


## Quality surveillance



### Basic principle

An error is defined as a hole or a weak spot in the insulation. In the DSE HVC Systems there are three individual adjustable levels of detector threshold. The three levels make it possible to collect the faults into groups for easy surveillance.



### Typical setup

Each wire production line is equipped with an electrode system. The test results are collected and compressed by a processing module and subsequently sent to the central PC. Presumably, the equipment is set to work in a network connected to the mainframes of the plant. A label printout allows the manufacturer to mark or label each spool of produced wire. Connection to mainframes or central server enables calculation of thorough production statistics.

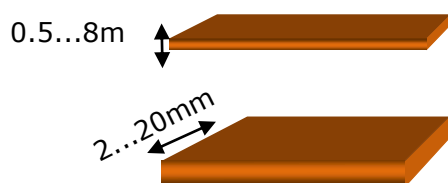
## Technical specifications



### Wire dimensions:

Height: From 0.5 mm to 8 mm

Width: From 2.0 mm to 20mm



### PM-Processor Module



The Processor Module controls the electrode systems. It collects, evaluates, and compresses data and sends them to a network or a "stand alone" PC.

### PM module features

- LED indicators for the following functions:
  - Insulation error
  - High tension
  - Reel change
  - Meter count
- Remote control
- I/O interface, including power supply to the electrode systems
- Ambient temperature: 15°C - 50°C
- Humidity: 0-80% no condensation
- Weight: 2 kg
- Line voltage: 115/230 V 60/50 Hz with protective ground
- Serial RS485 interface
- Units will be delivered as CE marked

### Computer

The system operates from a standard PC with Windows XP or Win 2000.

**Database :** Access or SQL

### Printer

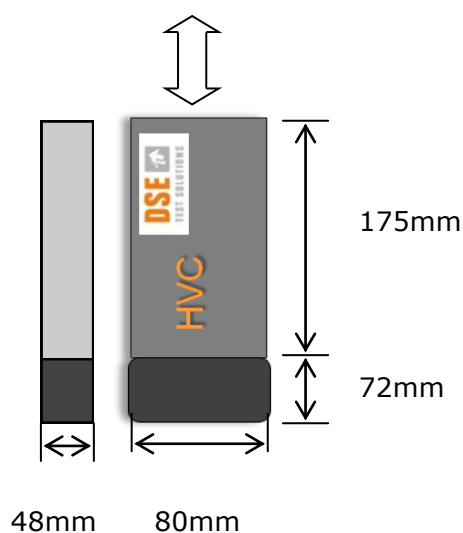
Any windows printer can be used.

### Accessories

- Cables: 10 m included per line
- DSE2100 holder for electrode system, 1 holder included per line
- Earth strap per line
- 1 cable PM-PC RS485 per PC
- 1 RS232/RS485 converter or plug-in per PC

### Holder for measuring head

Each line includes a high-quality metal holder which secures a stable mounting of the measuring head. It is easy to dismantle the unit for cleaning, etc.



## Further information

For further information please contact our sales office/local sales agent.

# HVC 360 Flexible



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