

## HIGH VOLTAGE EQUIPMENT

### HV DIVIDER

#### Purpose

This component is designed for measuring the presence of continuous high voltage signals on industrial equipment, such as flocking machines or electrostatic separators.

The output voltage taken from the divider provides a reliable information for access and safety purposes.

#### Design features

The divider is designed with stacked, HV resistors cast in epoxy.

It is fixed to polarization and earth grids by means of pins sunk into a metal unit, which provides electrostatic protection.

The 0-1 V output is available via a connector on the earth side.

This equipment is free of oil or any other type of insulating liquid.

The epoxy coating makes it easy to clean.

#### *Note:*

The divider is designed to be installed between two flat plates.

If it is to be installed between significantly different geometric shapes (cylinder/cylinder), a specific adapter is necessary.

#### Key features

Voltage	0-100 kV	0-50 kV
Length	400 mm	250 mm
Diameter	60 mm	60 mm
Voltage signal	0 -1V	0 -1V
Impedance	20 k $\Omega$	20 k $\Omega$
Mechanical connection	M8 length 50 mm	M8 length 50 mm