

## PROZESS ADAPTER PA

The Process Adapter PA is a combination of piercing sensor and lens break sensor. It can be simply integrated in the HP1.5", HP2" and HP2" M cutting heads. Based on an analysis of the emissions during cutting, this sensor unit monitors the piercing and cutting process online. The lens break sensor detects larger amounts of spatters and damage to the focusing lens.

### EFFICIENT

- online monitoring of process
- working with actual piercing times, thus significant time savings
- detection of a lost cut and plasma
- detection of lens damages (burn marks) and larger spatters burned into the lens

### USER FRIENDLY & SAFE

- avoiding of further damages and contamination of the beam guiding system
- suitable for several cutting heads



## TECHNICAL SPECIFICATIONS OF PROCESS ADAPTER PA

dimension for PA HP1.5"	112 x 88.5 x 24 mm
dimension for PA HP2", HP2" M	140 x 104 x 22 mm
weight for PA HP1.5"	0.5 kg
weight for PA HP2", HP2" M	0.7 kg
voltage supply	24 V $\pm$ 10%, max. 50 mA



- 1 rotary switch for lens break sensor
- 2 LED (GREEN/RED), lens break sensor
- 3 socket for lens break sensor
- 4 BNC-connection for piercing sensor

The given data was generated for a typical application and may be different given other circumstances. Furthermore misprints, changes and/or innovations may lead to differences in the listed measurements, technical data and features. Therefore all information is non-binding and technical data, measurements as well as features are not guaranteed by information in this product information.

02/Bg/01.04.2011