



Rowe Hankins Ltd.

 **Innovate**  
 **Design**  
 **Deliver**

## NICs

### Non-Intrusive Current Transducers for Industrial and Rail applications

The NIC (Non-Intrusive Current Monitor) is used as part of the preventative maintenance systems on wayside / Rail Infrastructure applications.

The DIN rail mounted NIC units are designed to measure AC/DC currents, using "Fluxgate Technology", up to +/-600mA when the primary cable is passed through the hole on the side of the unit.

The NIC provides a scaled 4-20mA current output to the end users' equipment. This may take the form of a data logger which stores the raw data that can then be remotely downloaded for analysis.

Data analysis allows for trends to be visualised for equipment that might show degradation, i.e. current variations outside normal limit, thus allowing targeted maintenance to be carried out before actual failure.

#### Features



**Non-Contact**  
Non-contact measurement of DC currents up to  $\pm 600\text{mA}$ .



**24V DC**  
24V DC power supply.



**Various output**  
4 to 20mA current output.



**LED indicator**  
LED trip indicator.



**Protection**  
Reverse Polarity protection.



**Relay output**  
Current trip with relay output.



**Mounting**  
DIN rail mounting.



**Versions**  
Unipolar versions also available.

## Get in touch!

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