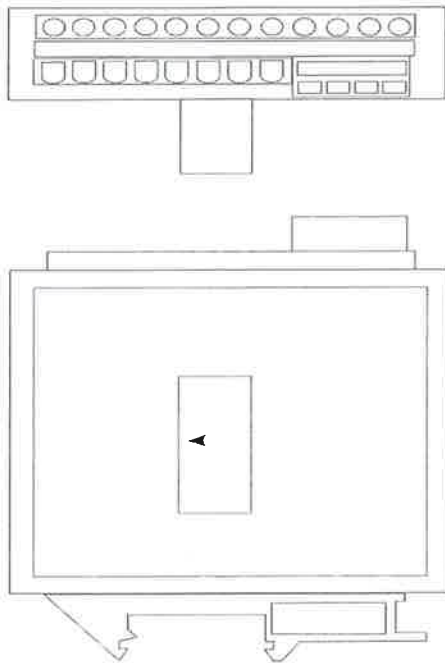


# F916-SP001

## 25A DC to 0-10V DC CURRENT TRANSDUCER (REPLACES OLD P971211)



### FEATURES

Optimum galvanic isolation between input and output using PCB mounted Hall Effect Sensor with external aperture for current sense wire. (No terminal connections)

Zero insertion loss in current measurement path. (No effect on the current to be measured)

Operates from 9Vdc to 36Vdc power supply

0-10Vdc analogue output

Plug-in Power Supply/Output connections

DIN Rail Mount

### SIZE

Panel mounting footprint W50mm x H79mm. (including protruding sensor)

Side elevation, H95mm from DIN rail top surface

### WEIGHT

190gms

### SPECIFICATION

|                              |             |   |
|------------------------------|-------------|---|
| <b>Input Current Range</b>   | 0 - 25A DC  | Current carrying wire must be fed through aperture with positive current flow in direction of arrow.<br>Failure to connect correctly may cause damage |
| <b>Output Voltage Range</b>  | 0-10Vdc     |   |
| <b>Burden</b>                | >10k ohms   |   |
| <b>Accuracy</b>              | +/- 2% FS   |   |
| <b>Linearity</b>             | +/- 1% FS   |   |
| <b>Response time</b>         | 10mS        |   |
| <b>Power Supply</b>          | 9Vdc-36Vdc  | Nominal 12VDC and 24VDC supply  |
| <b>Supply Current</b>        | 151mA max.  |   |
| <b>Operating Temperature</b> | 0 - 60deg C |   |

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Input supply range extended from to 9VDC - 18VDC to 9VDC - 36VDC.

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