

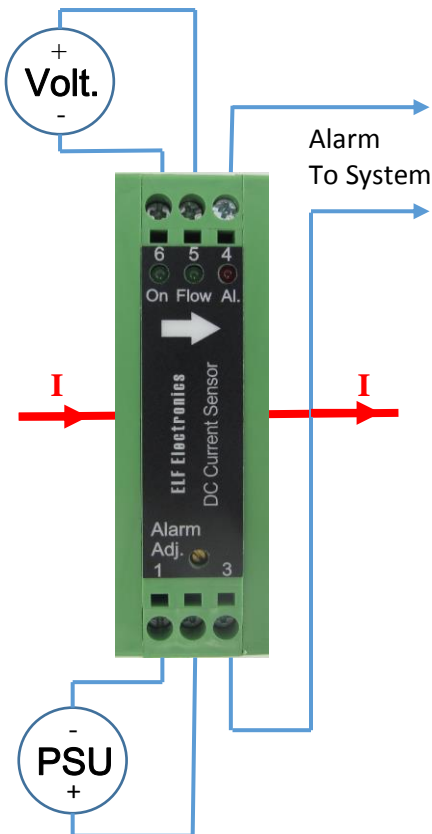
DC Current SENSOR with Alarm



Features:

- Designed to comply with Sydney Trains spec 1069
- Compact footprint.
- Non-contact current measurement.
- Galvanic isolation input to outputs
- Hall Effect Sensor with low measurement error.
- Device calibrated to selected range.
- Multiple input / output ranges.
- Wide power supply range.
- Power supply reversed protection
- Power "On" indication.
- Current "Flow" indication.
- Alarm adjust on front panel
- Front panel alarm indication.
- Alarm, "AL.", output on voltage free contact.

CONNECTION DIAGRAM



SPECIFICATION

INPUT	Current range	0-5A DC or 0-50A DC (Factory set)
	Absolute max. Rating	60A DC
	Connection	Wire Feed trough (no connection required)
OUTPUT	Output range	0-5V DC or 0-10V DC (Factory set)
	Connection	Front Panel Screw Terminal
ACCURACY	Of the full range	0.25%
LINEARITY	Of the full range	0.25%
RESOLUTION	On the full range	0.1% of input range
RESPONSE TIME	From 10% to 90% of range	10ms
Flow indication	of the current range	Green Led ON for I >1%
Alarm	Red LED and Voltage free contact	Full span alarm user settable via front face adjustment.
POWER SUPPLY	Absolute Rating	9-36V DC
	Reverse polarity	Fully protected without fuse
SUPPLY CURRENT	Maximum @ 9V	300mA
	Maximum @ 36V	83mA
TEMPERATURE	Ambient	-10 to 55 °C
	Temp. Coefficient	+/-1 % of range maximum
	Storage	-40 to 85 °C
WEIGHT		103g
SIZE		Overall. 85 x 80 x 25mm