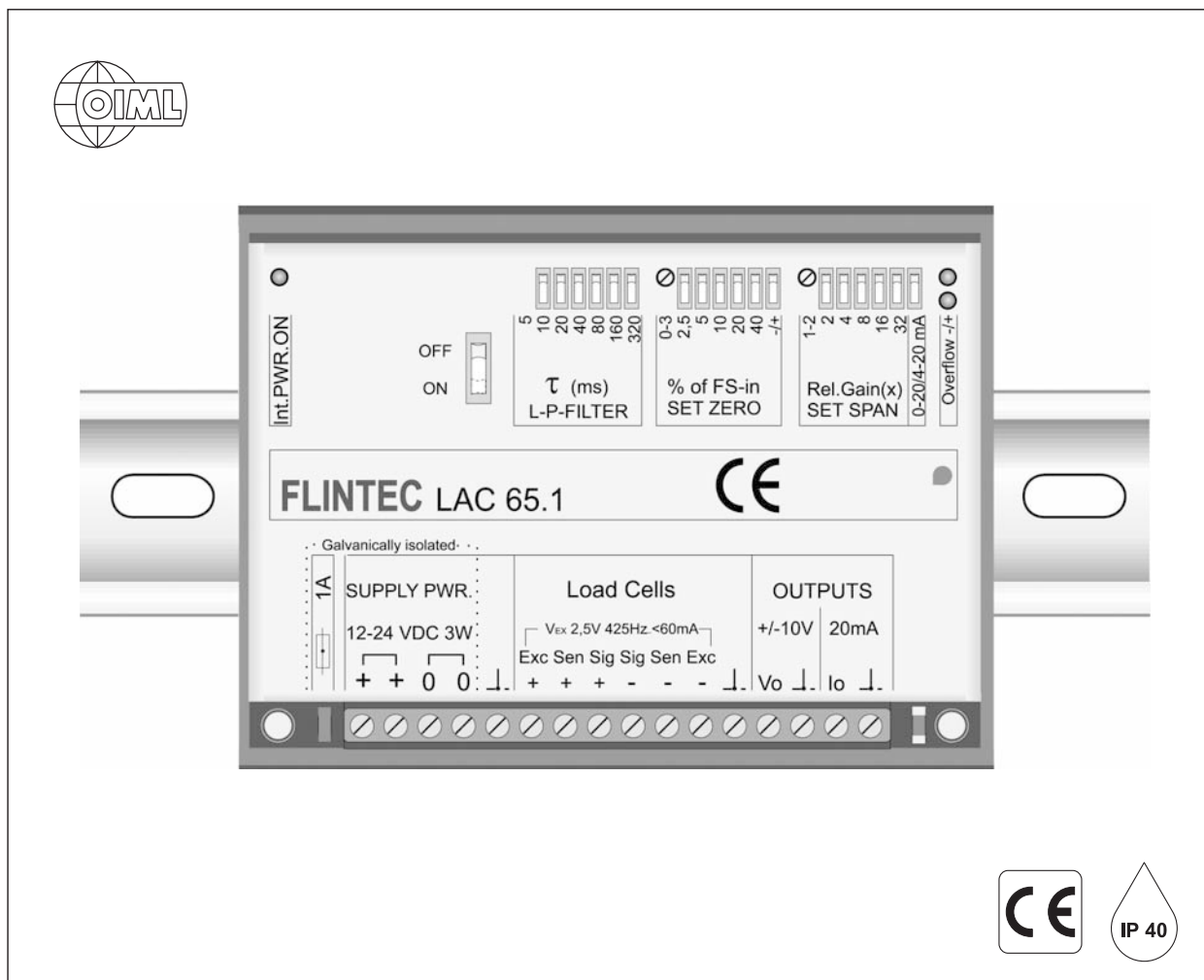


Analogue Amplifier Type LAC 65.1

LAC65.1变送器



Important Features

- Load cell excitation 2.5 V AC, 425 HZ, for up to 8 load cells 350Ω.
- 6 Wire load cell connection.
- Analogue output 0/4...20 mA and 0... ± 10 V.
- Input filtering 0,5...32 Hz.
- Zero/gain adjustment by DIP switches and fine trimming potentiometer.
- Overflow control, LED display.
- Cable failure detection.
- Power supply 12...24 V DC.
- DIN-rail mounting.

主要特点

- 传感器激励电压2.5V AC, 425Hz, 最多可连接8个350Ω的传感器
- 6线制
- 2路模拟输出0/4...20mA和0... ± 10V
- 滤波0.5...32Hz
- 通过DIP电位调整零点/增益
- 过载控制, LED显示
- 错误检测
- 电源12...24VDC
- DIN轨道安装

LAC 65.1 Specifications 技术参数

Linearity 非线性	< 0.01%
Analogue input range 模拟输入范围	$\pm 0.17\text{mV/V}$ 到 3.3mV/V ,通过DIP拨码开关和电位调节增益
Excitation 激励电压	8个350欧的传感器, 激励电压为2.5V AC 425Hz, 电缆最长至100米
Zero adjustment (Offset) 零点调整	通过DIP拨码开关和电位调整, 调整范围 $\pm 80\%$
Current output 电流输出	0到20mA或4-20mA, $R_{load} \geq 500\Omega$
Voltage output 电压输出	$0 \dots \pm 10\text{V}$, $R_{load} \geq 500\Omega$
Active filtering 40 dB / decade 滤波	0.25, 0.5, 1, 2, 4, 8, 16, 32Hz可选
Temperature range 温度范围	-20°C到50°C (工作温度), -20°C到60°C (保存温度)
Temperature effects 温度效应	零点: $< \pm 30\text{ppm}/^\circ\text{K}$ 满量程: $< \pm 15\text{ppm}/^\circ\text{K}$
Housing 外壳	114x 78 x 16 mm, 防护等级IP40, 标准35mm的DIP轨道安装
Power supply 电源	12...24V DC +10/-15%, C, 3W 电流保护

System Configuration 系统结构

