Type FAA-24 Analogue Amplifier



IP65

Product Description

The FAA-24 Analogue Amplifier is an accurate, versatile, process instrument.

It offers independent connection for up to 4 load cells.

With analogue output (jumper selectable):

Current 0...20 mA / 4...20 mA

Voltage 0...10 V

The stainless steel housing offers the ideal solution for industrial applications, protection IP65.

Key Features

- Accuracy 0.0125%
- Connection for up to 4 load cells
- Analogue output, current or voltage
- Zero adjustment completely independent of span adjustment
- Power supply 18...30 V DC
- Stainless steel housing
- Protection IP65

Specifications

ACCURACY AND STABILITY	
Accuracy	≤ 0.0125% of full scale
Repeatability	≤ 0.005% of full scale
Thermal stability in range –10 °C to +50 °C	≤ 0.025% of full scale
Warm-up time	10 minutes
SCALE CALIBRATION & ANALOGUE OUTPUT	
Calibration	Output selectable by jumpers: Current output 0 – 20 mA / 4 – 20 mA Voltage output 0 – 10 V Calibration by potentiometer and jumpers (course)
LOAD CELLS	
Excitation	10 V DC
Number of load cells	4 load cells 350...1100 Ω
Connection	4 wire technique
POWER	
Power requirements	18...30 V DC / 250 mA
ENVIRONMENT	
Operating temperature	–10 °C to +50 °C
Storage temperature	–25 °C to +80 °C
Humidity	90% RH max, non condensing
ENCLOSURE	
Box with connection for 4 load cell cables	Stainless steel, protection IP65.

Dimensions

