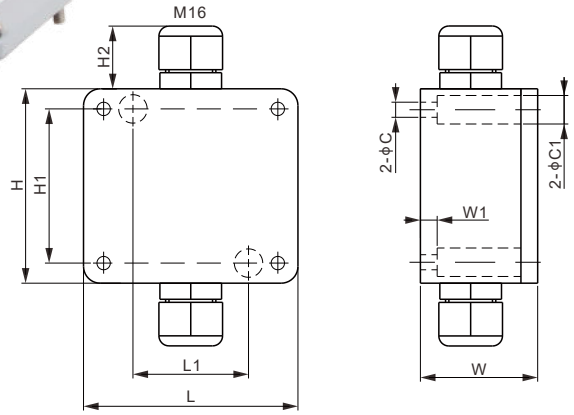
A1A-22

Analogue Amplifier



Features:

- One input port; supports 1 x 350Ω load cell or up to 4 x 350Ω (or 8 x 700Ω or higher resistance) load cells through a junction box
- One output port; signal output configurable for 0V-10V or 4mA-20mA



DIMENSIONS

	C	C1	H	H1	H2	L	L1	W	W1
mm	4.5	8.5	58	46	18	64	34.5	35	5
inches	0.2	0.3	2.3	1.8	0.7	2.5	1.4	1.4	0.2

SPECIFICATIONS

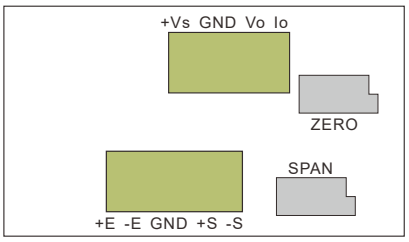
Load Cell Type		All strain gage type
Weight (G), approx.	kg/lb	0.17 / 0.37
Power Supply	V DC	24 ± 10%
Input Range	mV	0 ~ 39
Max. Power Voltage	DC	30V, 2.5A
Output Signal (Zero adjustable ± 20%)	V DC	0 ~ 10 (Sensitivity ⩾ 0.85 mV/V)
	mA	4 ~ 20
Max. Output Current	mA	40
Max. Input Offset Voltage	μV	50
Min. Common-mode Rejection Ratio (G=10)	dB	100
Protection Class		IP66
Enclosure Material		Aluminum casting
Excitation voltage to load cell	V DC	12
Tare Limit		Shall not exceed 30% of full load
Operating temperature range	°C / °F	-10 ~ 50 / 14 ~ 122
Linearity		⩽ 0.02%
Voltage Full Scale Temperature Drift	ppm/°C	50
Current Full Scale Temperature Drift	ppm/°C	60

PART NUMBER

Part No.	*Compatibility with Balluff's IO-LINK Modules	Weight Approx. (kg)
A1A-22B.....	Yes.....	0.17

** Compatible models of IO-Link of Balluff's:*
- BNI IOL-709-000-K006
- BNI IOL-710-000-K006
- BNI IOL-712-000-K023
- BNI IOL-714-000-K023
Set up note:
A1A-22B→ Analogue to IO-LINK module→IO-LINK device

CONNECTION DIAGRAM



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