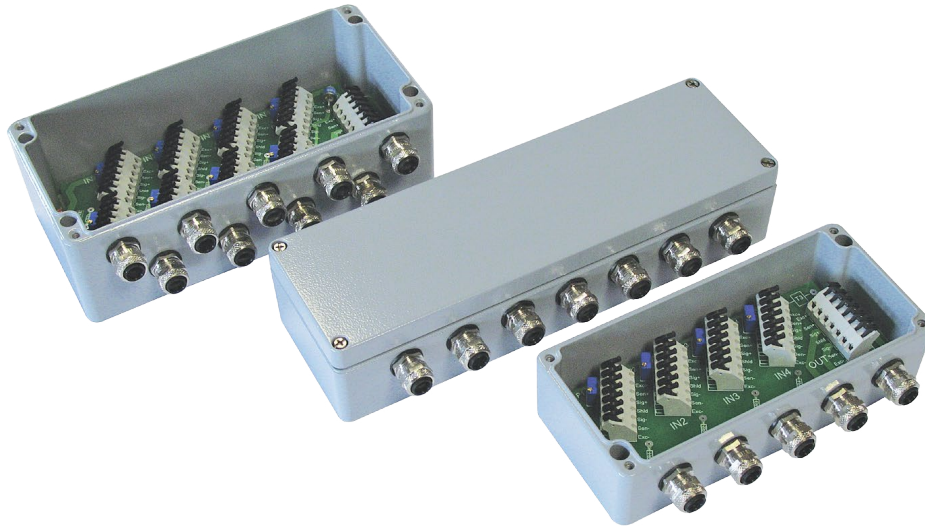


Junction Box ALCJB-A



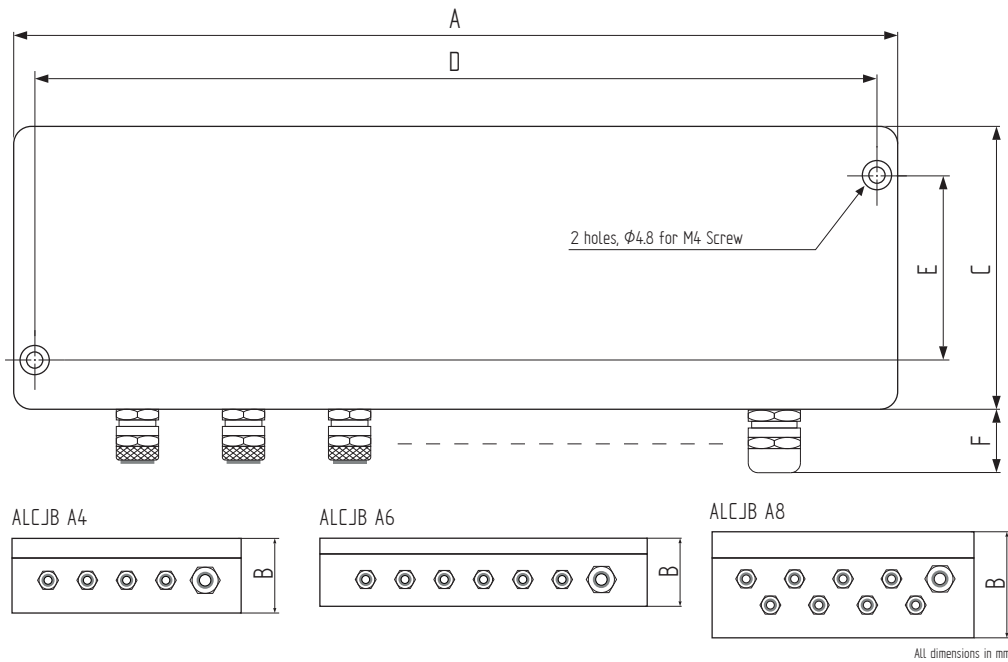
Performance Features

- Junction box made of aluminum with epoxy varnish
- Level of protection: IP65
- Corner balancing by potentiometers
- Connection by spring clamps
- Over-voltage protection (option)
- ATEX 2014/34/EU version for hazardous area (option)

Application

- Versions for 4, 6 or 8 analog load cells
- Suitable for 4- or 6-Wire technology

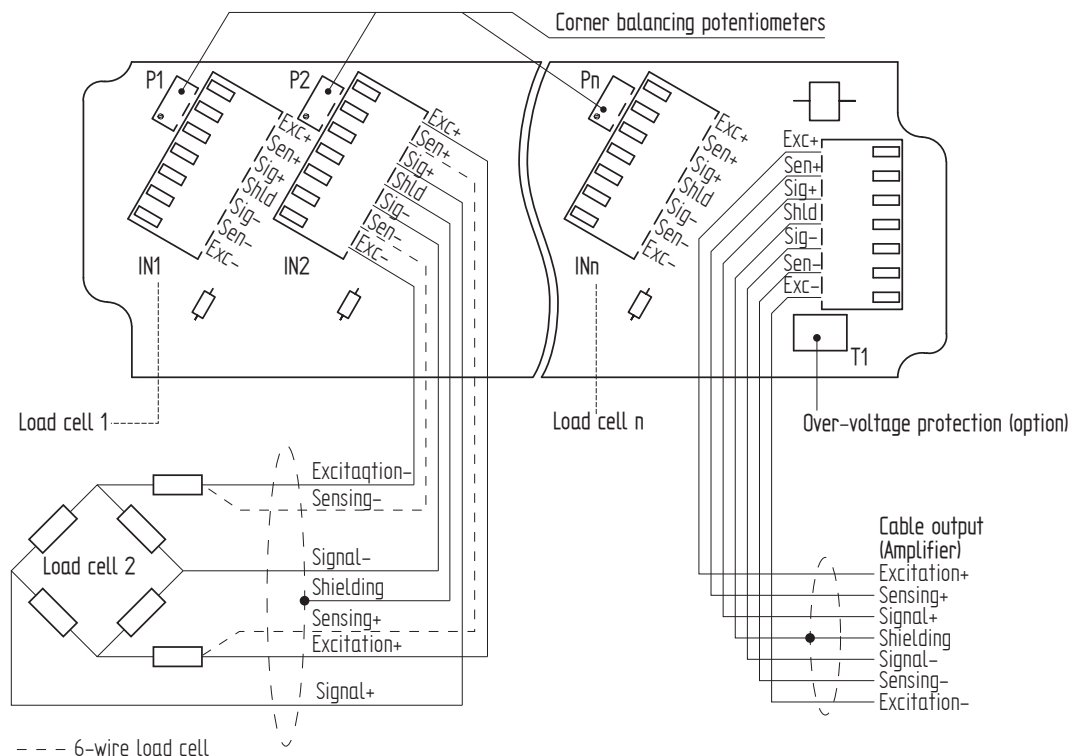
Dimensions in mm



Article-No.	Description	Version	A	B	C	D	E	F
105146	ALCJB-A4	Standard	175	57	80	163	52	24
110353	ALCJB-A6	Standard	250	52	80	238	52	24
110354	ALCJB-A8	Standard	200	81	100	186	66	24
115183	ALCJB-A4 ATEX/IECEX	ATEX/IECEX	175	57	80	163	52	24
115184	ALCJB-A6 ATEX/IECEX	ATEX/IECEX	250	52	80	238	52	24
115185	ALCJB-A8 ATEX/IECEX	ATEX/IECEX	200	81	100	186	66	24
111850	ALCJB-A8 GDT	Over-voltage protection	200	81	100	186	66	24

¹ Protection type Gas Discharge Tube: 10 KA/20 KV (8/20 μ s) - IEC 61000-4/5, not available as ATEX/IECEX version

Connection



Technical Data

Type	ALCJB-A		
Version	ALCJB-A4	ALCJB-A6	ALCJB-A8
Housing			
Material	Aluminum		
Coating	Epoxy varnish, color gray		
Protection level	IP65		
Cable gland			
Material	Nickel-plated brass		
Cable section input load cell standard	Ø 4 ... Ø 8 mm		
Cable section output standard	Ø 5 ... Ø 10 mm		
Cable section input load cell ATEX/IECEX	Ø 4 ... Ø 8 mm		
Cable section output ATEX/IECEX	Ø 6 ... Ø 10 mm		
Quantity	5	7	9
Electronic board			
Load cell Input terminals	4	6	8
Output terminal (amplifier)	1		
Wire cross section of cable strands	0.15 mm ² - 1 mm ²		
Terminal block type	Spring clamp, tool free		
Corner balancing	Potentiometers 10 Ω		
General			
Nominal temperature range	-40° ... 60° C		
Weight	0.7 kg	0.95 kg	1.3 kg
Included accessories	2 Cable gland plugs		

Options

Article-No.	Description	Specification	Directive
114823	ATEX/IECEX „SI“ Test	ex II 1 G/D, Ex ia IIC T6 Ga, Ex ia IIIC T80°C Da, IP6X, -40°C<Ta<40°C (zone 0, 1, 2/20, 21, 22)	ATEX 2014/34/EU, IECEx
115046	ATEX/IECEX „mode n“ Test	ex II 3 G, Ex nA IIC T6 Gc, -40°C<Ta<40°C (zone 2)	
115047	ATEX/IECEX „DUST“ Marking	ex II 2 D, Ex tb IIIC T80°C Db, IP6X, -40°C<Ta<40°C (zone 21, 22)	
105816	Cascading ALCJB	To the parallel use multiple strain gauge sensors, per sensor	