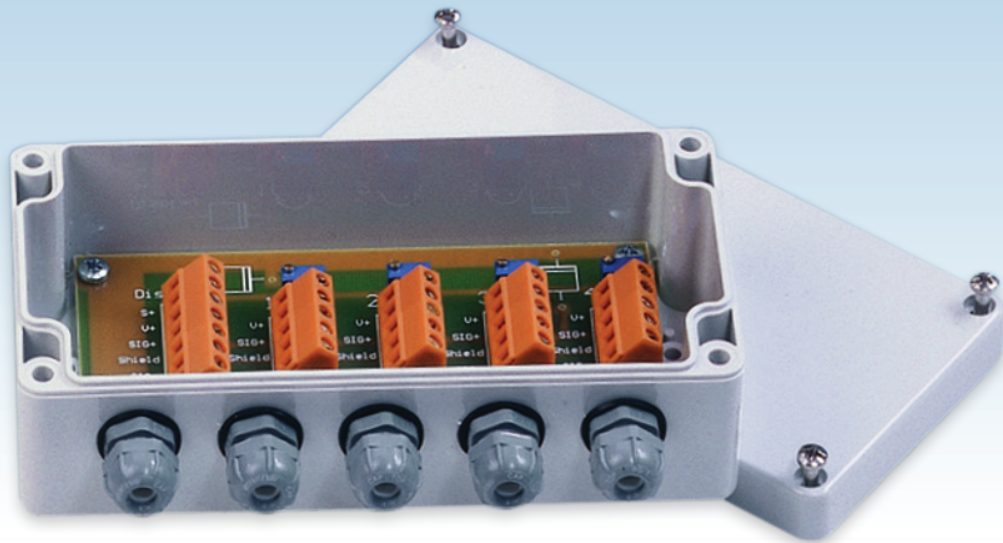


## JUNCTION BOXES FOR LOAD CELLS USED IN SILO, TANK, VESSEL AND TRUCK WEIGHING



Load cell connection problems solved simply and cost effectively.

Thames Side's versatile range of junction boxes include standard ABS models with/without trimming potentiometers, versions with ATEX certification and in-built lightning surge arrestors, stainless steel options and versions for digital load cells.

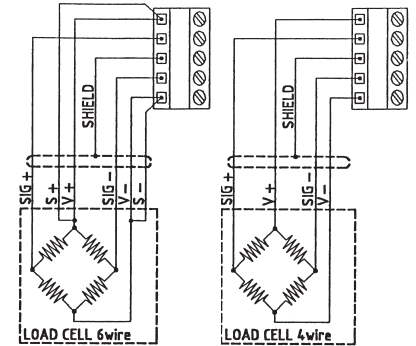
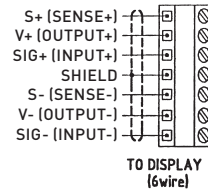
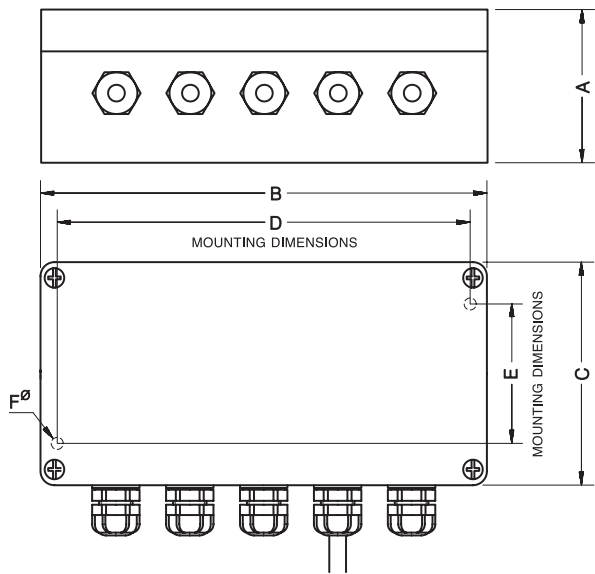
Special durable polyurethane 4-wire and 6-wire (with sense wires) connection cable can be supplied in custom lengths for connection from the junction box to the amplifier/instrument.

- 4 or 8 load cell versions
- 4 or 6 wire (sense) connections
- Hermetically sealed to IP66 or greater (IP67 available on request)
- ATEX versions for all zones
- Stainless Steel versions (including ATEX version on request)
- Optional lightning surge arrestors
- Optional trimming potentiometers
- 5 year warranty
- Robust and cost effective
- Special load cell connection cable is available separately (per metre)
- Version for 8 digital load cells



# JUNCTION BOXES

technical specification...



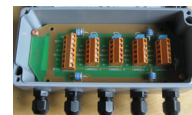
## JUNCTION BOXES

	JB4T	JB4T-PG9	JB8T	JB4T-ATEX	JB8T-ATEX	JB4T-STAINLESS	JB4T-AL-SA	JB8T-AL-SA
4 load cell connection	✓	✓		✓		✓	✓	
8 load cell connection			✓		✓			✓
Trimming potentiometers	✓		✓	✓	✓		✓	✓
ABS construction	✓	✓	✓					
Aluminium construction				✓	✓		✓	✓
Stainless Steel construction						✓		
ATEX approved				✓	✓			
Lightning surge arrestors							✓	✓
IP protection rating	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Cable gland specification	PG7	PG9	PG7	PG7	PG7	PG7	PG7	PG7
Dimensions (mm)	A	45.5	45.5	60	57	52	47	57
	B	160	160	240	175	250	190	175
	C	80	80	80	80	80	90	80
	D	148	148	228	163	238	177	163
	E	50	50	50	52	52	-	52
	F	4.2	4.2	4.2	4.8	4.8	7.0	4.8
Nominal Shipping Weight (kg)	0.4	0.4	0.7	0.8	1	1	0.8	1

## ATEX Certification details

Certification Code	Temperature Class	Parameters	Application
II 1 GD EEx ia IIC T4..T6 T85°C	T4	li : 193 mA	Gas Zones 0, 1, 2
	T5	li : 155 mA	Dust Zones 20, 21, 22
	T6	li : 50 mA	

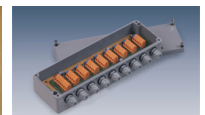
JB4T-AL-SA



JB4T-SS



JB8T



DISTRIBUTED BY:



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Issue: JncBx.01.14

Our policy is one of continuous product enhancement. We therefore reserve the right to incorporate technical modifications without prior notification.



www.thames-side.com