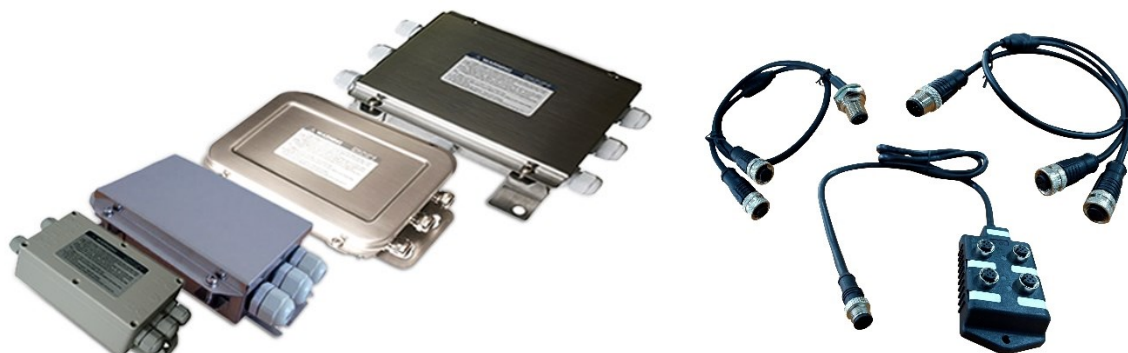


Junction Boxes



- Summing Multiple Loadcells
- Wide Range of Connector options
- Environment protection with IP ratings
- Used for Platform Scales, Weighbridges and Hopper Scales





Rinstrum offers a variety of junction boxes and connections to assist in the wiring and connectivity of loadcells to an indicator. Choose the Junction box to match your application from,







- Fixed M12 Junctions
- 4 Way Signal Adjust Summing Boxes
- 6 Way Signal Adjust Summing Boxes
- 6 Way plus Expansion Signal Adjust Summing Box

These are made for different environment conditions. Enclosures are made with metal or polymer to suit different conditions. Connections are ranging from different cable glands to M12 fix connections.

Rinstrum junction boxes features trimming options for equalizing the input from multiple load cells. The 0071 Junction Box can daisy chain several together to increase number of loadcells connected to suite your application.

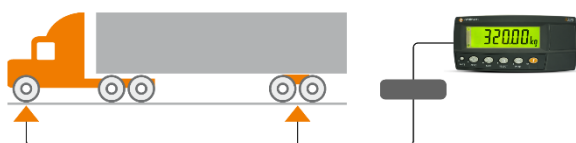
You can be assured of rugged build quality, reliability and ease of use.

4 Way Signal Adjust Summing Boxes		
	0075 IP65, Polymer Junction Box	Five holes with 5 x PG7 Polymer Glands Signal trimming
	0075-M12 IP65, Polymer Junction Box with M12 fly leads	Plastic and dust proof with Signal trimming Fitted with 4 x female M12 flying pig tails and 1 x male M12 pig tail home run connection
	0076 IP6X, Stainless steel Junction Box	Five holes with 5 x PG7 Polymer Glands Signal trimming
	0078 IP68, Stainless steel Junction Box	Five holes with 5 x PG7 Polymer Glands Signal trimming

6 Way Signal Adjust Summing Boxes		
	0077 IP65, Stainless steel Junction Box	Seven holes with 7 x PG9 Polymer Glands Signal trimming
	0077-M12 IP65 Stainless steel Junction Box with M12 fly leads	Signal Trimming Fitted with 6 x female M12 flying pig tails and 1 x male M12 pig tail home run connection
6 Way plus Expansion Signal Adjust Summing Box		
	0071 IP55, Aluminium Junction Box	Seven holes with 7 Polymer Glands For installations with more than 6 load cells Built-in "linking" circuit allows simple "daisy-chaining"
Fixed M12 Junctions		
	MC5JM2 Y Cable 5Pin M-F+F Shielded	Y cable M12 male bulkhead connector to two M12 female for connecting two loadcells into one home run
	MC5JM3 Y Cable 5Pin M-F+F Shielded	Y cable M12 male in line connector to two M12 female for connecting two loadcells into one home run
	MC5JM4 4 Load Cell Junction - IP68+/4- way junction box	4 x M12 female connections and 200mm Male M12 home run cable, no signal or excitation adjustment Use MC0E2 caps

Smart Weighing








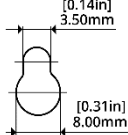
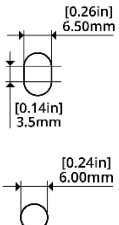
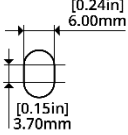
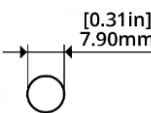
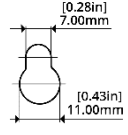
Get a single accurate output from multiple Loadcells with signal trimming...






Rinstrum Junction boxes features signal trimming to equalize the input from multiple loadcell and output an accurate signal to the indicator. Signal trimming is used with multi loadcell applications such as Platform Scales, Weighbridges, bin weighing and tank weighing etc.

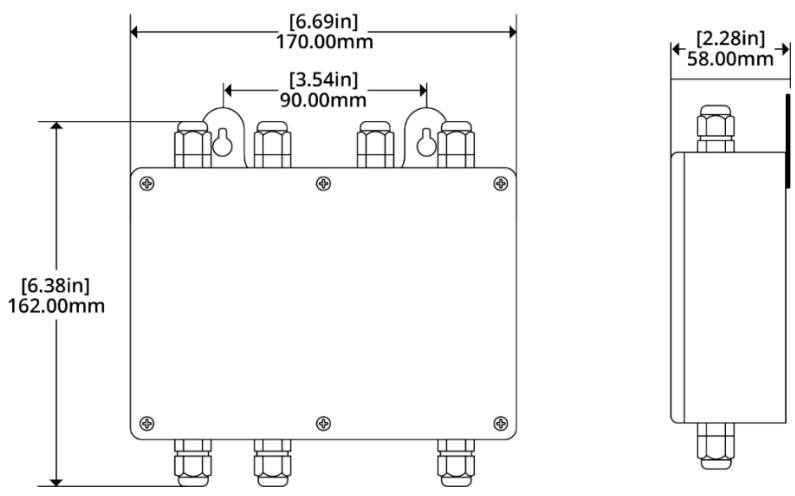
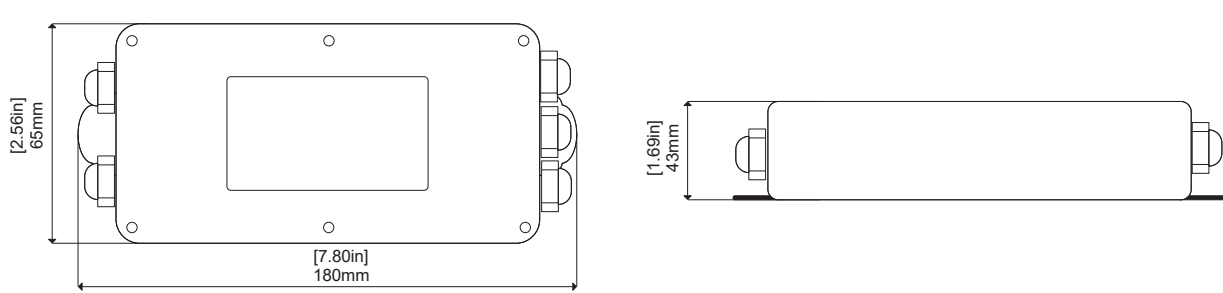
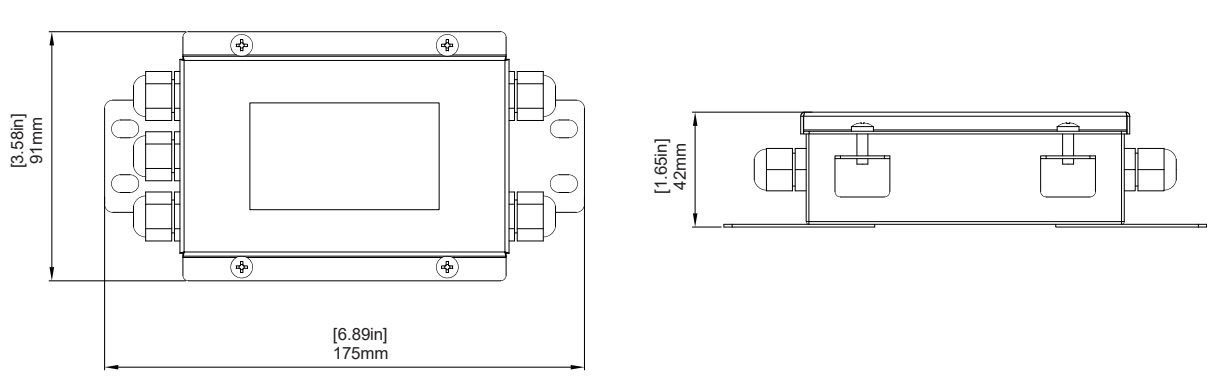
.... now that's smart weighing

Specifications Table

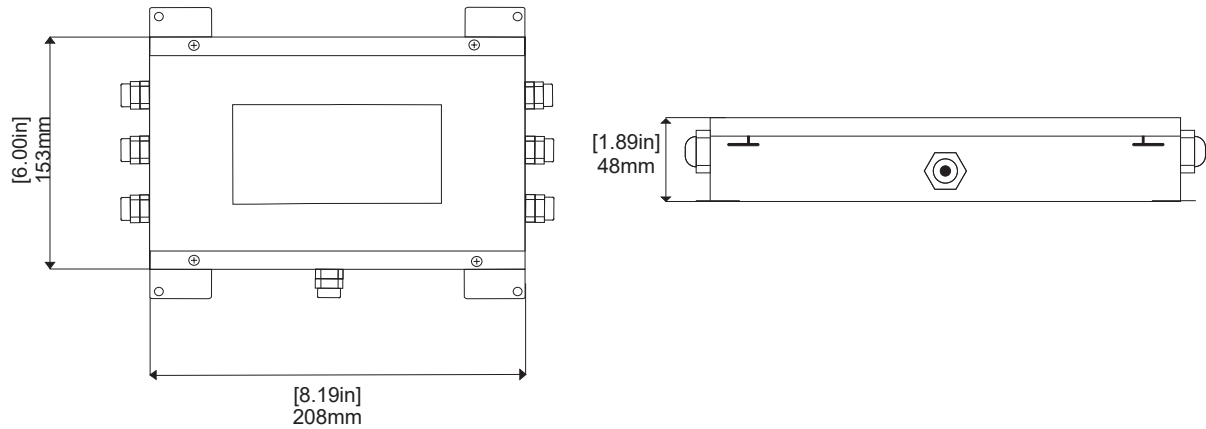
	0071	0075	0076	0077	0078
					
No of Load Cells	6 (Extendable)	4	4	6	4
Signal Trimming	Yes	Yes	Yes	Yes	Yes
Trim Potentiometers per Load Cell	1	1	1	1	1
Connector Type	7-way terminal strip (6-Wire Connection)	5-way terminal strip (4-Wire Connection)	5-way terminal strip (4-Wire Connection)	7-way terminal strip (5-Wire Connection)	5-way terminal strip (4-Wire Connection)
	-	M12 (0075-M12) 	--	M12 (0077-M12) 	--
Shell Material	Cast Metal	Polymer	Stainless Steel	Stainless Steel	Stainless Steel
Connections	6 x PG7, 1 x PG9 Polymer Glands	5 x PG7 Polymer Glands	5 x PG7 Polymer Glands	7 x PG9 Polymer Glands	5 x PG7 Polymer Glands
Environmental protection	IP55	IP65	IP6X	IP65	IP68
Dimensions	208x 153x48mm (8.19x6.00 x1.89in)	180 x 65 x 43mm (7.08 x 2.56 x1.69in)	175 x91 x42mm (6.89 x3.58 x1.65in)	208 x 153 x 48mm (8.19 x6.00 x1.89in)	192 x124 x43mm (7.56 x 4.88 x1.69in)
Mounting Holes					

	MC5JM2	MC5JM3	MC5JM4
			
Connector Type	M12	M12	M12
Connector to Indicator	1	1	1
Connector to Loadcell	2	2	2
Environmental protection	IP67	IP67	IP68

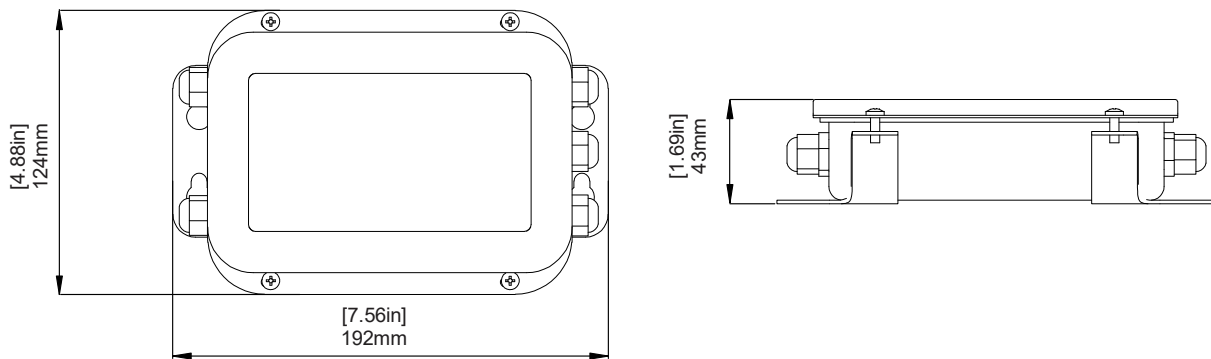
Dimensions

0071	
 <p>Technical drawing of model 0071 showing front and side views with dimensions:</p> <ul style="list-style-type: none"> Front view dimensions: <ul style="list-style-type: none"> Overall width: [6.69in] 170.00mm Distance between top terminals: [3.54in] 90.00mm Overall height: [6.38in] 162.00mm Side view dimensions: <ul style="list-style-type: none"> Height: [2.28in] 58.00mm 	
0075	
 <p>Technical drawing of model 0075 showing front and side views with dimensions:</p> <ul style="list-style-type: none"> Front view dimensions: <ul style="list-style-type: none"> Height: [2.56in] 65mm Overall width: [7.80in] 180mm Side view dimensions: <ul style="list-style-type: none"> Height: [1.69in] 43mm 	
0076	
 <p>Technical drawing of model 0076 showing front and side views with dimensions:</p> <ul style="list-style-type: none"> Front view dimensions: <ul style="list-style-type: none"> Height: [3.58in] 91mm Overall width: [6.89in] 175mm Side view dimensions: <ul style="list-style-type: none"> Height: [1.65in] 42mm 	

0077



0078



Specifications are subject to variation for improvement without notice. Illustrations are indications only and variation may be evident between products.