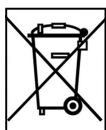


## CS-GVJB-01 Gas valve junction box

**CaterSense®** - Gas valve junction box is used in conjunction with the CaterSense and VariSense range of controllers to simplify field wiring when using gas pressure proving. It also allows you to isolate the gas solenoid valve and gas pressure transducer.



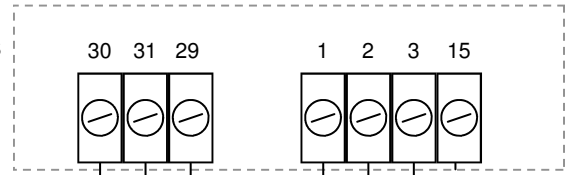
Model Type	Model	Description
	<b>CS-GVJB-01</b>	Gas valve junction box
<b>Technical Data</b>	Power supply	230Vac
<b>Wiring connections</b>	L	Live
	N	Neutral
	E	Earth
	1	+24Vac / dc
	2	0 ~10vdc (mbar output)
	3	0 volt ac / dc
<b>Rating</b>	IP65	



This symbol on this product or the package indicates that disposal of this product after its lifecycle could harm the environment.  
DO NOT dispose of this product (or batteries if used) as unsorted municipal waste. It should be disposed by a specialised company for recycling.  
This product should be returned to your distributor or to a local recycling service.  
Respect the local environment rules.

**Wiring details**

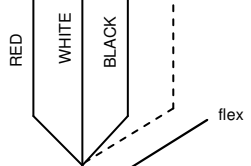
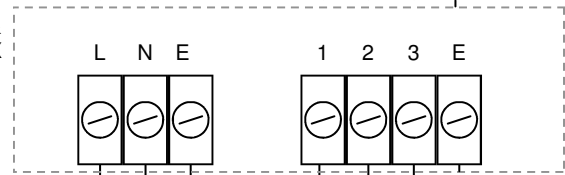
**CATERSENSE ATSC GASVALVE & SENSOR TERMINALS**



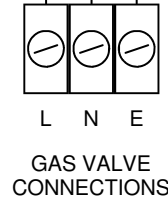
**\*\*PLEASE NOTE: For screen connection if used on CaterSense 02 and V2 main PCB please use either Earth, T15 or T18**

SCREEN CABLE

**CS-GVJB-01 GAS VALVE & SENSOR JUNCTION BOX**

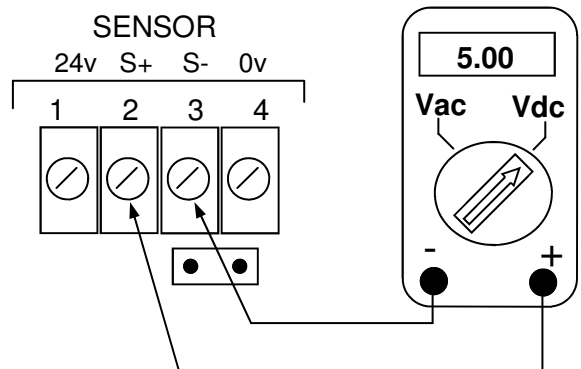


**GAS PRESSURE SENSOR CS-GPS-01**



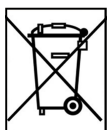
**Gas Pressure to Voltage Table**

Voltage Vdc	Gas Pressure mbar	Voltage Vdc	Gas Pressure mbar
0.25	1.25	5.25	26.25
0.50	2.50	5.50	27.50
0.75	3.75	5.75	28.75
1.00	5.00	6.00	30.00
1.25	6.25	6.25	31.25
1.50	7.50	6.50	32.50
1.75	8.75	6.75	33.75
2.00	10.00	7.00	35.00
2.25	11.25	7.25	36.25
2.50	12.50	7.50	37.50
2.75	13.75	7.75	38.75
3.00	15.00	8.00	40.00
3.25	16.25	8.25	41.25
3.50	17.50	8.50	42.50
3.75	18.75	8.75	43.75
4.00	20.00	9.00	45.00
4.25	21.25	9.25	46.25
4.50	22.50	9.50	47.50
4.75	23.75	9.75	48.75
5.00	25.00	10.00	50.00



OR JUST TAKE VOLTAGE READING AND TIMES BY 5

Example above: 5volts x 5 = 25 mbar



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