

Manufacturer	InstruTech	Helix/GP	InstruTech	Helix/GP	Helix/GP	Helix/GP	Helix/GP	Helix/GP
Model	CVM211 "Stinger"	275 Mini-Convectron®	CVM201 "Super Bee"	275 Mini-Convectron®	275 Mini-Convectron®	275 Mini-Convectron®	275 Mini-Convectron®	275 Mini-Convectron®
analog output (s)	non-linear (GP-S)	non-linear (GP-S)	non-linear (GP-S), linear, + log-linear	non-linear (GP-S) + linear	non-linear (GP-S)	non-linear (GP-S)	non-linear (GP-S)	none
digital output (s)	none	none	RS485 + RS232	none	none	none	none	RS485
setpoint (s)	1	1	2	none	none	2	2	2
display	LED 3-digit	none	LCD 4-digit	none	LED 3-digit	none	LED 3-digit	LED 3-digit
connector A	9-pin D	9-pin D	9-pin D	9-pin D				
pin 1	relay 1 NO	relay NO	relay 1 NO	<i>external cal in</i>				
pin 2	relay 1 NC	relay NC	relay 1 NC	<i>external cal out</i>				
pin 3	power input	power input	power input	power input				
pin 4	power ground	power ground	power ground	power ground				
pin 5	non-linear output	non-linear output	non-linear output	non-linear output				
pin 6	relay 1 common	relay common	relay 1 common	no connection				
pin 7	relay 1 disable	relay disable	relay 1 disable	no connection				
pin 8	signal ground	signal ground	signal ground	signal ground				
pin 9		<i>setpoint output</i>	linear output	linear output				
connector B			15-pin high density D		15-pin high density D	15-pin high density D	15-pin high density D	15-pin high density D
pin 1			RS-485 +input (A)		no connection	<i>setpoint 1 output</i>	no connection	RS-485 +input
pin 2			RS-485 -input (B)		no connection	<i>setpoint 2 output</i>	no connection	RS-485 -input
pin 3			power input		power input	power input	power input	power input
pin 4			power ground		power ground	power ground	power ground	power ground
pin 5			non-linear output		non-linear output	non-linear output	non-linear output	no connection
pin 6			signal ground		signal ground	signal ground	signal ground	power ground
pin 7			RS232 Out		no connection	no connection	no connection	no connection
pin 8			RS232 In		no connection	no connection	no connection	no connection
pin 9			relay 1 disable		no connection	relay disable	no connection	relay disable
pin 10			relay 1 NO		no connection	relay 1 NO	relay 1 NO	relay 1 NO
pin 11			relay 2 NO		no connection	relay 2 NO	relay 2 NO	relay 2 NO
pin 12			relay 2 common		no connection	relay 2 common	relay 2 common	relay 2 common
pin 13			relay 2 NC		no connection	relay 2 NC	relay 2 NC	relay 2 NC
pin 14			relay 1 NC		no connection	relay 1 NC	relay 1 NC	relay 1 NC
pin 15			relay 1 common		no connection	relay 1 common	relay 1 common	relay 1 common
model numbers								
NPT	CVM211 G A A	275800	CVM201 G A A	275850	275915	275870	275904	275527
KF16	CVM211 G B A	275806	CVM201 G B A	275856	275922	275876	275911	275546
KF25	CVM211 G C A	275807	CVM201 G C A	275857	275923	275877	275912	275534
KF40	CVM211 G D A	275808	CVM201 G D A	275858	275924	275878	275913	275535
Mini-Conflat®	CVM211 G E A	275803	CVM201 G E A	275853	275919	275873	275908	275531
2-3/4" Conflat®	CVM211 G F A	275804	CVM201 G F A	275854	275920	275874	275909	275532
4VCR female	CVM211 G G A	275801	CVM201 G G A	275851	275916	275871	275905	275528
8VCR female	CVM211 G H A	275863	CVM201 G H A	275862	275917	275867	275906	275529
3/8" VCO male KF10 (*) KF50	<i>No plan to offer these fittings unless specifically requested.</i>	275802 275805 275809	<i>No plan to offer these fittings unless specifically requested.</i>	275852 275855 275859	275918 275921 275925	275872 275875 275879	275907 275910 275914	275530 275533 275536

* Note: A KF16 flange will mate with a KF10 using an adaptive centering ring, available from KF fitting suppliers.
Functions in *blue/italics* are not supported on standard InstruTech modules. (If these functions are required, contact Instrutech about providing a custom module.)

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