



4 Channel Quick Connect Interface Boxes

These Connection Panels consist of either Spring Loaded terminals or Screw Terminals for up to 4 channels of signal inputs from sensors and process signals.

Depending on the output connectors (2 X 15 pin or 1 X 26 pin) it will interface to IMC's UNI2-8 and DCB2-8 or DCBC2-8.

The configuration with 2 X 15 pin output connectors is for use with the UNI2-8 and DCB2-8 amplifier modules. The configuration with 1 X 26 pin output connector is for use with the DCBC2-8 amplifier modules.

The UNI2-8 and DCB2-8 utilize the 15pin DSUB connector and 2 cables per 4 chns of the Amplifier module. The DCBC2-8 utilizes the 26pin DSUB connector and 1 cable per 4 chns of the Amplifier module.

Note that these interfaces do not support the TEDS option on IMC's UNI2-8 or DCB2-8.



P/N 26296B shown

Specifications

Dimensions: L 5.5" X W 2.6" X H 1.55" (plus the terminal height)

Operating Temperature:

Operating Voltages: +/-50 V maximum, no attenuation from 0Hz up to 5KHz

Selection Table

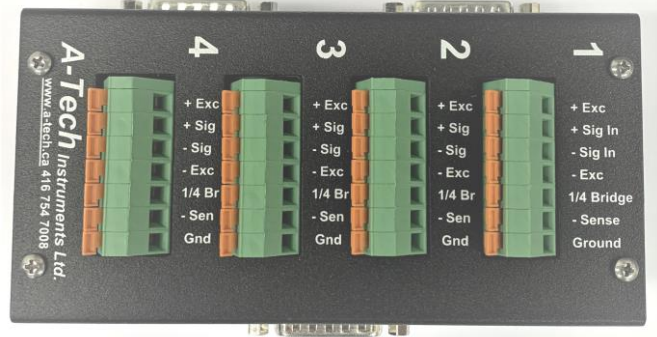
Part Number	Terminal Type	# of Terminals	Output Connector	Interconnecting Cable(s) / box	Amplifier Module(s)
29522A	Spring Loaded Quick Connect	7	1X 26 pin	ZKXXX-CV300-NC30	DCBC2-8
30277A	Screw Terminal	7	1X 26 pin	ZBXXX-CV300-NC30	DCBC2-8
30554A	Spring Loaded Quick Connect & Probe Point	8	1X 26 pin	ZMXXX-CV300-NC30	DCBC2-8
31701A	Spring Loaded Quick Connect	7	2X 15 pin	ZKXXX-CD300(2)-NC30	DCB2-8 or UNI2-8
31702A	Screw Terminal	7	2X 15 pin	ZBXXX-CD300(2)-NC30	DCB2-8 or UNI2-8
29976A	Spring Loaded Quick Connect & Probe Point	8	2X 15 pin	ZMXXX-CD300(2)-NC30	DCB2-8 or UNI2-8
26296A	Spring Loaded Quick Connect	7	1X 26 pin and 2x 15 pin	ZKXXX-CV300/CD300(2)-NC30	DCBC2-8 or UNI2-8 / DCB2-8
30415A	Screw Terminal	7	1X 26 pin and 2x 15 pin	ZBXXX-CV300/CD300(2)-NC30	DCBC2-8 or UNI2-8 / DCB2-8
33151A	Spring Loaded Quick Connect & Probe Point	8	1X 26 pin and 2x 15 pin	ZMXXX-CV300/CD300(2)-NC30	DCBC2-8 or UNI2-8 / DCB2-8

26296 4 chn Quick Connection Box Wiring Example

This Connection Box consists of Spring-Loaded terminals for 4 channels of signal inputs for sensors and process signals.

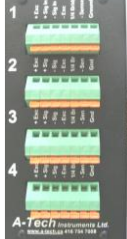
The output connector (1 X 26 pin) is shown with the interface cables (optional) to the imc DCB2-8 or DCBC2-8 Amplifier Modules.

The DCBC2-8 Amplifier module the 26 pin or 15 pin DSUB connector and will accommodate 4 input channels of the Amplifier module, for Strain Gauges, Load Cells or Potentiometers.

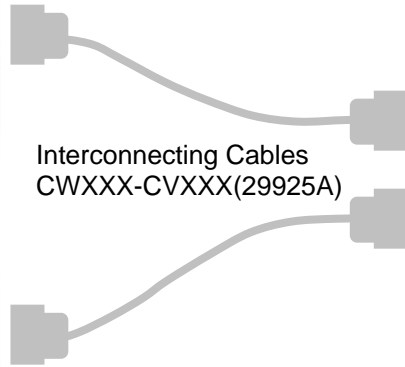
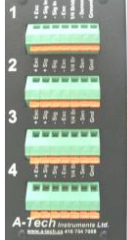


P/N 26296B shown

Chns 1 to 4



Chns 5 to 8

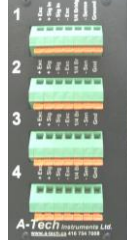


Interconnecting Cables
 CWXXX-CVXXX(29925A)

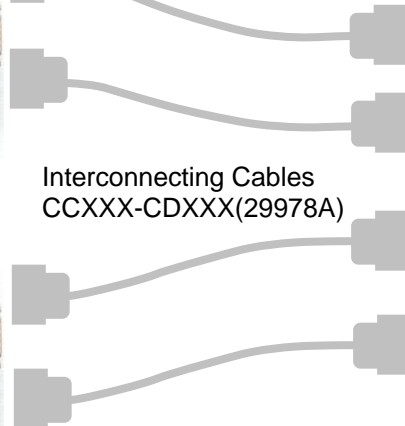
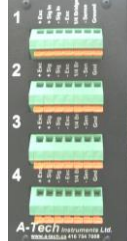
Example - CRC-400 Chassis, with the DCBC2-8 cable configuration



Chns 1 to 4



Chns 5 to 8



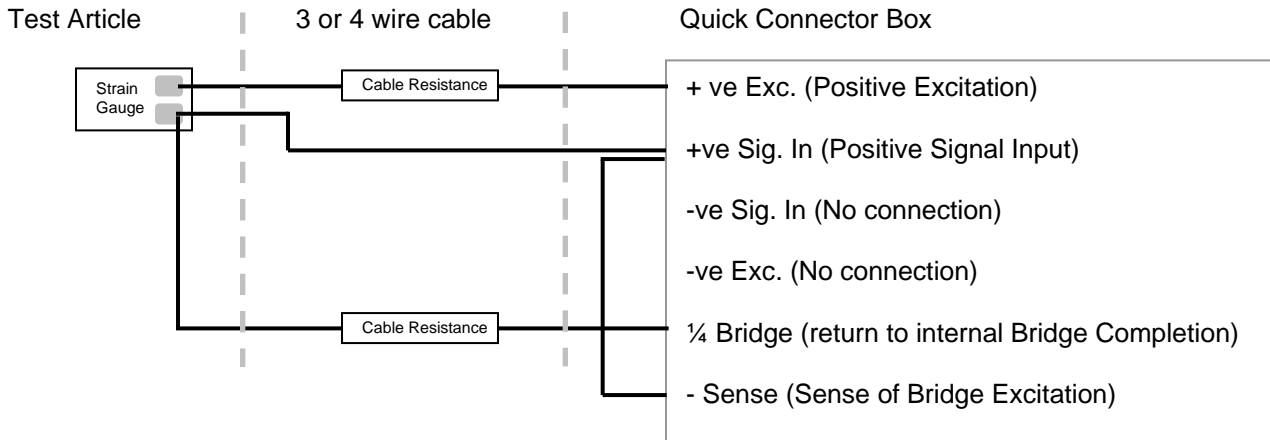
Interconnecting Cables
 CCXXX-CDXXX(29978A)

Example - CRFX-400 Chassis, with the DCB2-8 cable configuration

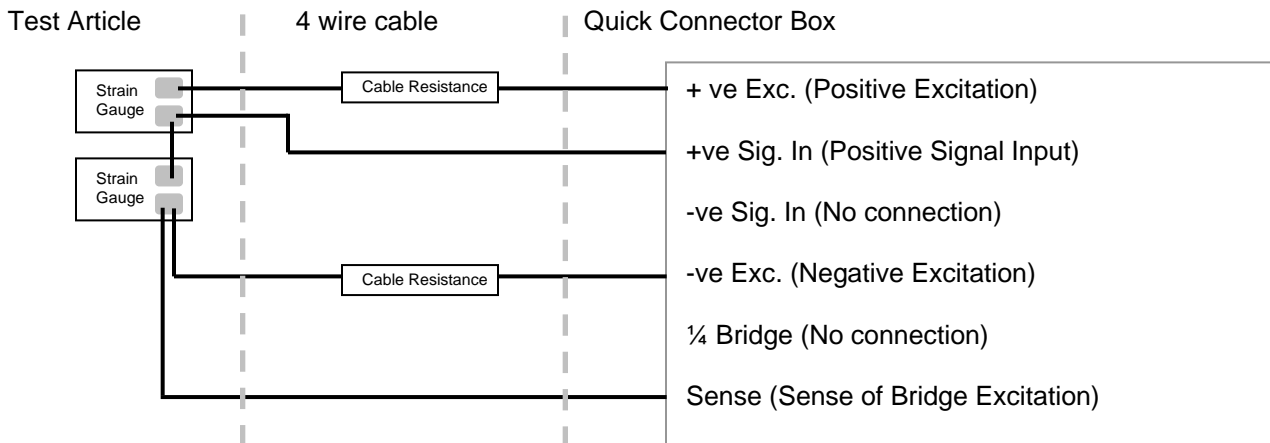


29xxx 4 chn Quick Connection Box Wiring Examples

1/4 Bridge Wiring Configuration

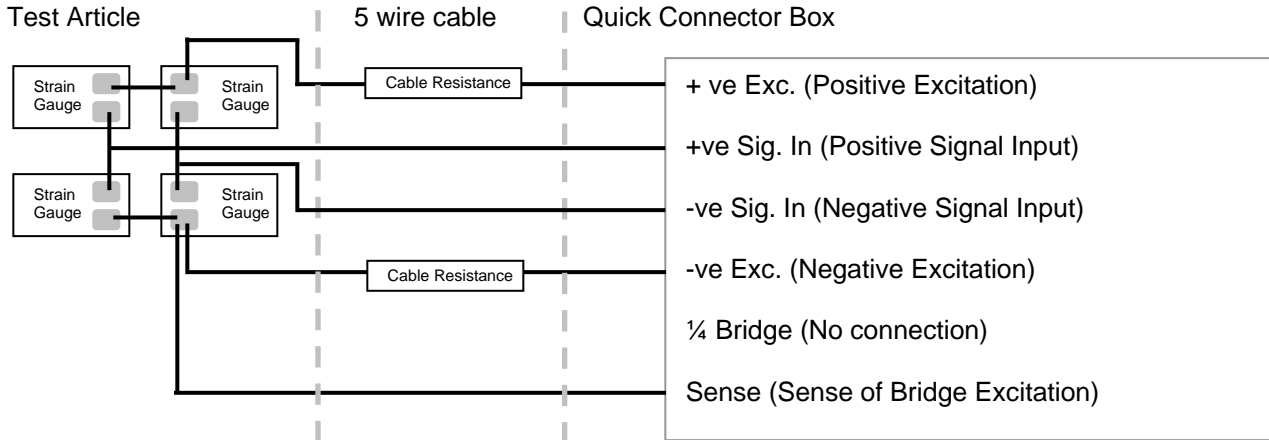


1/2 Bridge (90 degree) Wiring Configuration



29522 4 chn Quick Connection Box Wiring Examples, continued

Full Bridge Wiring Configuration



Potentiometer Wiring Configuration

