

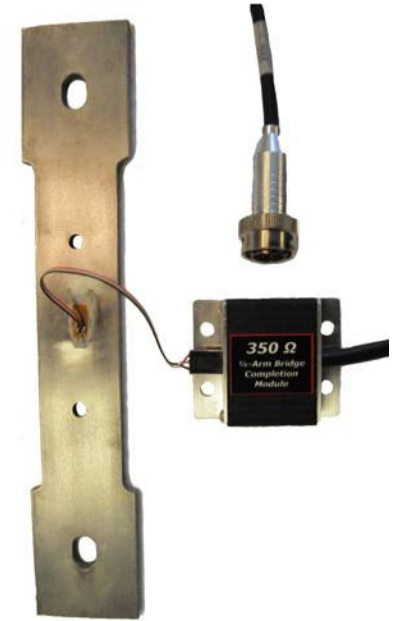
# BDI FOIL STRAIN GAGE COMPLETION UNITS

## Description:

BDI supplies Wheatstone Bridge Completion Units that allow for the simple connection of single foil strain gages to our Structural Testing System (STS). Available in both single and rosette configurations, the Foil Strain Gage Completion Unit is supplied with our Intelliducer connectors, thus reducing the field installation time since lead wires need only to be soldered to the installed foil gage!

## HIGHLIGHTS:

- Use standard foil strain gages with your STS II or STS-WiFi.
- Drastically reduces installation time and field soldering.
- Available in 120Ω, 350Ω and 1000Ω resistances.
- Available in both single and rosette configurations.
- Completion unit near the gage location.



## KEY FEATURES:

- **MINIMIZE LEAD WIRE EFFECTS:** The bridge completion units were designed to reduce lead wire effects by completing the bridge circuit near the foil gage installation site.
- **ENVIRONMENTALLY SEALED:** Ideal for both field and laboratory use since they are environmentally sealed and water resistant.
- **REPLACEABLE LEADWIRES:** Each unit is supplied with 3' (0.9m) of lead wires attached. Lead wire can be easily replaced.
- **ROSETTE CONFIGURATION:** Eliminate the number of loose cables that have to be run to a single rosette by installing a single Strain Rosette Completion Unit.

Quarter Arm Foil Gage on Reinforcing Steel

Part Number	Type	Resistance (Ohms)	Excitation (Volts)	Lead Wire	Cabling <i>*(Custom Lengths Available)</i>
FCU-14-350-1	1/4 Arm completion unit	350	5	1-30AWG Three-wire hookup	Type: 1- BDI-RC-125 Length*: 20ft (6m)
FCU-14-350-3	1/4 Arm Strain rosette	350	5	3-30AWG Three-wire hookup	Type: 3- BDI-RC-125 Length*: 20ft (6m)
FCU-14-350-1	1/4 Arm completion unit	120	5	1-30AWG Three-wire hookup	Type: 1- BDI-RC-125 Length*: 20ft (6m)
FCU-14-350-3	1/4 Arm Strain rosette	120	5	3-30AWG Three-wire hookup	Type: 3- BDI-RC-125 Length*: 20ft (6m)