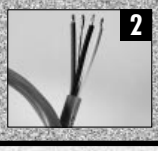
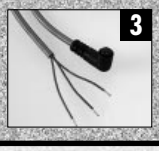
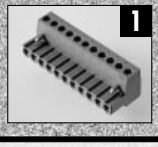
Wiring

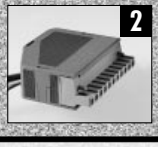


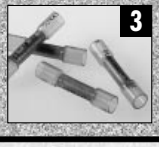


PRODUCT	FEATURES/DESCRIPTIONS	RANGE	LENGTH/SIZE	COMPATIBILITY	MODEL	CAT. NO.
1 2 Conductor 22 Gauge Shielded Wire	For increasing the length of Temperature Probes. User must solder the wire together, use ACR QUICK CONNECT connectors or have ACR professionally extend your sensor's reach.	22 Gauge -20 to 80°C (-4 to 176°F)	specify length in feet	Any temperature probe. Other products may be extended. Call for compatibility.	2-22-WIRE	31-0007
2 4 Conductor 24 Gauge Shielded Wire	For increasing the length of Temperature and Relative Humidity Probes. User must solder the wire together, use ACR QUICK CONNECT connectors or have ACR professionally extend your sensor's reach.	24 Gauge -20 to 80°C (-4 to 176°F)	specify length in feet	Any ACR RH probe. Other products may be extended. Call for compatibility.	4-24-WIRE	31-0006
3 Female Replacement IP67 OWL External Cable	For use when connecting external transducers on the OWL 400 and 500 Data Loggers.	26 Gauge -20 to 80°C Oil resistant.	2 meters (6 feet) (-4 to 176°F)	OWL 200, OWL 400, OWL 500	OWL-EXT	31-0003
Installation of Extension Wire to Probe	For customers who require ACR to extend the length of external sensors or probes. Each connection is soldered, sealed and then heat shrunk for a secure water resistant connection. Contact ACR for maximum length extensions for specific products. (Order cable separately).	na	na	Any temperature or RH probe. Other products may be extended. Call for compatibility.	EX-WIRE	88-9997

Connectors







PRODUCT	FEATURES/DESCRIPTIONS	RANGE	LENGTH/SIZE	COMPATIBILITY	MODEL	CAT. NO.
1 11 Pin Terminal Block	Leave terminal blocks connected to your sensors. No need to rewire your sensors in every time you use your data logger at a different location. Convenient and time saving.	na	na	SmartReader, SmartReader Plus	TB-11	29-0004
2 11 Pin Terminal Block Wire Strain Relief	When multiple external sensors are connected to a SmartReader or SmartReader Plus Data Logger, this strain relief easily snaps on to the connector and locks all the wiring connections to the terminal block.	na	na	SmartReader, SmartReader Plus	STR-11	29-0013
3 Quick Connect-Wire Extension System	An easy method of extending the length of any cable. Strip the wire ends to be connected, crimp them to the connector and heat with a lighter. This will provide a soldered, rugged and reliable connection for assured accuracy.	18 to 22 gauge wire	na	Any temperature or RH probe. Other products may be extended. Call for compatibility.	DS-1822	18-0019
4 Terminal Block Screwdriver	Fits all ACR Data Logger terminal blocks, to tighten and loosen sensor leads.	na	na	Any ACR Data Logger with a terminal block.	SD-100	21-0059