

# uM260 Termination Adapters

## Offering Two Convenient Plug-in Device Termination Adapters for the uM260 Monitor

The uM260 Micro Monitor provides continual monitoring of up to four binary devices and 16 pressure and flow transducers in your cable pressurization system. It also enables you to use one contact control relay device.

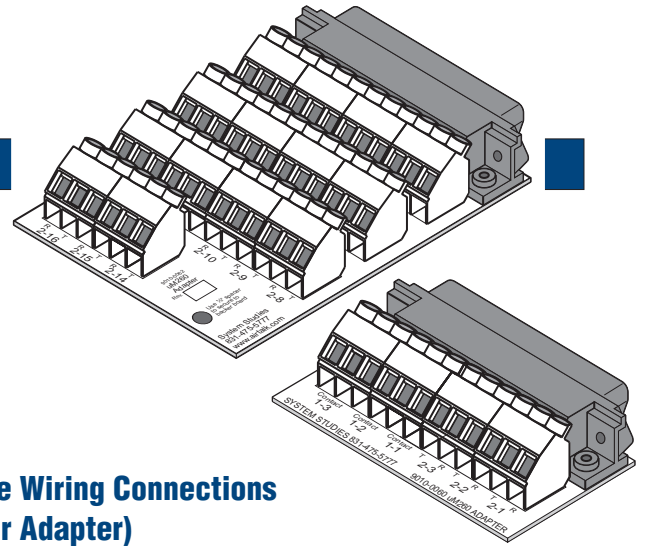
To accommodate device pairs from the field, the monitor is equipped with a single, 25-pair female amphenol connector. In the past, it was necessary to terminate device pairs at a standard connector block and then complete the device pair connection to the uM260 using a 25-pair cable. Generally, the connector block used for this purpose is a higher capacity, 100-pair block that was originally intended for much larger monitoring systems.

Since the uM260 is a small-office, small-scale monitor, the traditional connector block and cabling arrangement is not only impractical, but more expensive than necessary.

That's why we developed two direct plug-in Termination Adapters for the uM260 Micro Monitor. One of them (Part No. 9010-0062) accommodates the full monitoring capacity of the uM260 monitor: 16 resistive or current loop transducers, four binary contacts, and one contact control relay. The second option (Part No. 9010-0060) is designed for a maximum of three transducers and three binary devices. It is ideal for very small offices where a Dial-a-Ducer is being replaced, and for remote air dryer cabinet installations (where space is limited). Both adapters eliminate the need to purchase a connector block and cable.

### How They Work

The uM260 Termination Adapters are rectangular-shaped plastic components that contain one or more rows of conductor terminals (locking metal jaws with tightening screws) and a 25-pair male amphenol connector. Conductor pairs from designated binary devices and transducers are secured to the terminals in a prescribed order, as shown in the two illustrations. Once each device has been connected and secured to the Termination Adapter, the item can be inserted into the Micro Monitor's female cable connector slot. This ensures a solid and secure device pair connection to the uM260.



### Device Wiring Connections (6-Pair Adapter)

The 9010-0060 Termination Adapter is equipped with 6 pairs of locking jaw terminals with tightening screws to accommodate three transducers and three binary devices. The designated uM260-compatible device numbers are printed on the circuit board to identify pair termination locations. As viewed from the top of the adapter, numbering starts from right to left, beginning with the transducers (designated as 2-1, 2-2 and 2-3), followed by the binary devices (1-1, 1-2, 1-3). See Figure 1.

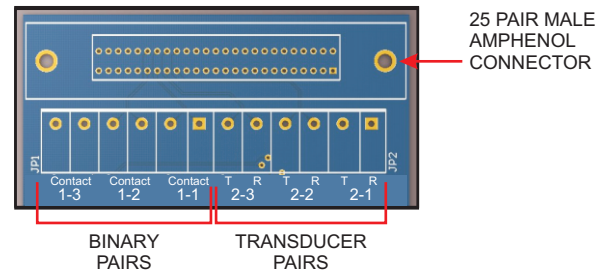
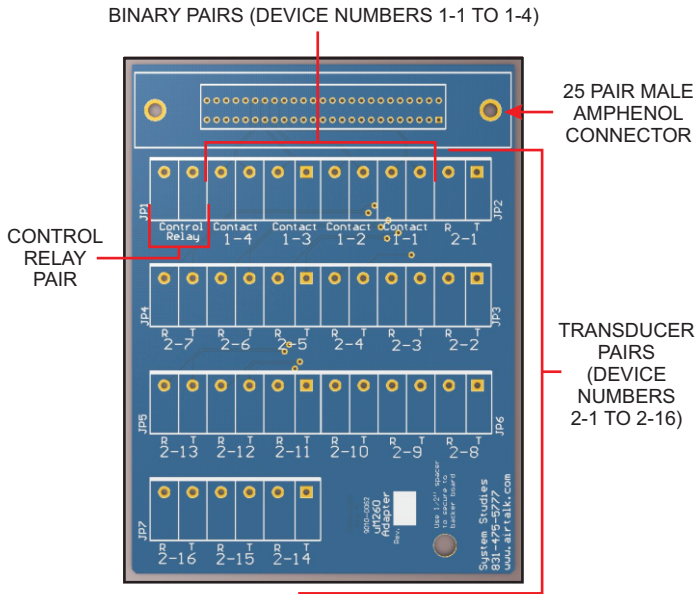


Figure 1 — 6-Pair Adapter

### Device Wiring Connections (21-Pair Adapter)

The larger, full-capacity Termination Adapter (Part No. 9010-0062) has 21 pairs of locking jaw terminals for connecting the full complement of transducers, binary devices, and the control relay pair. Once again, device numbers are printed on the circuit board to identify where the designated pairs should be terminated. Please note that this version of the adapter uses a different wiring order from what is used on the smaller version. The row closest to the amphenol connector is used for the control relay, the contact alarm devices, and the first of 16 possible transducers. The remaining rows complete the termination points for the transducers (Figure 2).





**Figure 2 — 21-Pair Adapter**

## Specifications

**Part Number: 9010-0060**  
– for six uM260 devices

Device Type Compatibility:  
3 resistive or 4-20mA transducers  
3 binary contacts

Device Connection: Standard 25-pair amphenol

Dimensions: 2.375 in long x 3.375 in wide x 0.9375 in high

Weight: 2.1 oz

**Part Number: 9010-0062**  
– for full complement of uM260 devices

Device Type Compatibility:  
16 resistive or 4-20mA TDs  
4 binary contacts  
1 output contactor (contact control relay)

Device Connection: Standard 25-pair amphenol

Dimensions: 4.875 in long x 3.375 in wide x 0.9375 in high

Weight: 6.0 oz

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