

## DPY-4118U-A DIGITAL PYROMETER

- Solid-state design fits any application
  - Selectable display for degrees C. or F.
  - Selectable for type J or K thermocouple
- No outside power required
- Monitors up to 18 points
- Intrinsically Safe
- Rugged, anodized aluminum case

The Altronic DPY-4118U-A digital pyrometer is an electronic instrument designed to monitor temperatures using standard type J or K thermocouples. The user can scan through 18 channels with the display indicating the channel no. and monitored temperature. The device is powered by long life lithium batteries with a 10-minute readout period each time the SCAN switch is activated.

The instrument can be set by the user for readout in either degrees C. or F. and for operation with type J or K thermocouples. There is display indication of an open thermocouple and low battery voltage.

The DPY-4118U-A is an intrinsically safe design, CSA-certified for use in Class I, Group D hazardous areas.

### Specifications

Hazardous Classification ..... Class I, Group D, intrinsically safe  
 Display Readout ..... 6-digit LCD, 0.5 inch height  
 Instrument Range ..... 32°F. to 1500°F. / 0°C. to 800°C.  
 Instrument Accuracy ..... ±1% of reading, ±3 degrees  
 Display Update Rate ..... 3 times per second  
 Ambient Range ..... -40°F. to 175°F. / -40°C. to 80°C.  
 Cold Junction ..... Compensation is automatic

### Dimensions

