



Representative Photo Only  
(actual product may vary based on configuration selections)

MicroLogix Expansion RTD/Resistance 4 Channels Input Module

- Feature-rich functionality addresses a wide range of application
- Software keying prevents incorrect positioning within the system
- Finger-safe terminal blocks for I/O wiring
- Small footprint reduces panel space

| SPECIFICATIONS                             |                                                                                                                                                                                                                                       |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Series                             | MicroLogix Expansion I/O (Bul. 1762)                                                                                                                                                                                                  |
| Component Type PLC & I/O                   | Analogue Input Module                                                                                                                                                                                                                 |
| Number of Analogue Inputs                  | 4 qty                                                                                                                                                                                                                                 |
| Analogue Input Type(s)                     | RTD / Resistance                                                                                                                                                                                                                      |
| Analogue Input Range(s)                    | 10Ω Cu 427<br>120Ω Ni 618<br>120Ω Ni 672<br>604Ω NiFe 519<br>100Ω Pt 385<br>200Ω Pt 385<br>500Ω Pt 385<br>1kΩ Pt 385<br>100Ω Pt 392<br>200Ω Pt 392<br>500Ω Pt 392<br>1kΩ Pt 392<br>0 ... 150Ω<br>0 ... 500Ω<br>0 ... 1kΩ<br>0 ... 3kΩ |
| Analogue Resolution, Input                 | 5 ... 13 bit (signed, configurable)                                                                                                                                                                                                   |
| Operating Temperature, Max                 | 65 °C max                                                                                                                                                                                                                             |
| Operating Temperature, Min                 | -20 °C min                                                                                                                                                                                                                            |
| Storage Temperature, Max                   | 85 °C max                                                                                                                                                                                                                             |
| Storage Temperature, Min                   | -40 °C min                                                                                                                                                                                                                            |
| Relative Humidity, Max                     | 95 %RH                                                                                                                                                                                                                                |
| Shock Acceleration (Max.)                  | 30 g                                                                                                                                                                                                                                  |
| Vibration Acceleration (Max.)              | 5 m/s²                                                                                                                                                                                                                                |
| Vibration Displacement (Peak to Peak Max.) | 0.381 mm                                                                                                                                                                                                                              |
| Vibration Frequency, Operational (Max.)    | 500 Hz                                                                                                                                                                                                                                |

Catalogue No: **1762-IR4**

**MLX1100/1200/1400 EXPANSION MODULE 4CH RTD**

Automation Systems > Micro Programmable Controllers and Smart Relays > Micro PLCs > Allen-Bradley® MicroLogix™  
> MicroLogix™ Expansion I/O Modules > MicroLogix™ Analogue I/O Modules



| REFERENCES                                     |   |
|------------------------------------------------|---|
| IECEX Certificate                              | - |
| Supplier Declaration of<br>Conformity:         | - |
| Installation Guide:                            | - |
| User Manual:                                   | - |
| Manufacturer Datasheet:                        | - |
| Manufacturer Catalogue<br>& Product Selection: | - |