

# Product Notice



April 12, 2017

## UL Certification Removal for IM Series Panel Meters

Red Lion is announcing the removal of UL Certification for IM Series panel meters due to a critical raw material change. We estimate the changeover will take place in May 2017, once existing UL-certified stock is depleted.

For customers who need features available in the IM Series products but with UL Certification, we recommend Red Lion's [PAX® Series of panel meters](#) as a possible UL-certified alternative.

Red Lion's PAX meter line includes both digital and analog inputs. From its sunlight readable display to the wide variety of field-installable options cards, the PAX meter will easily handle your application requirements. The PAX series of panel meters offer the widest range of inputs in the industry. PAX models cover both digital and analog signals including count, voltage/current, process input, rate, strain gage, timer, real time clock and thermocouple/RTD inputs. The PAX allows for installation of up to three option cards (PAXCDxxx) giving customers added functionality and the ability to scale as application needs change.

The replacement guide on our website and the chart below is intended to help customers identify a similar PAX meter – and where appropriate, option cards – that corresponds to the IM panel meter being used today. Please note it will not be a direct replacement. It's important to note that there are differences between the products; for example, the IM Series uses 20 mA current loop communication, whereas the PAX Series offers RS485, RS232, DeviceNet, Modbus or Profibus. As always, please refer to product manual for detailed technical and mechanical differences between products.

For additional assistance identifying the right meter for a given application, please contact Tech Support at [support@redlion.net](mailto:support@redlion.net).

IM Model Numbers	PAX Model Numbers	Primary Differences
IMD10060	PAXD0000	PAX bezel is plastic instead of die-cast metal
IMD10160	PAXD0000	PAX bezel is plastic instead of die-cast metal
IMD10162	PAXD0000, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMD13160	PAXD0000	PAX bezel is plastic instead of die-cast metal
IMD13161	PAXD0000, PAXCDC10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMD13162	PAXD0000, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMD13163	PAXD0000, PAXCDL10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards

IM Model Numbers	PAX Model Numbers	Primary Differences
IMD13167	PAXD0000, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMD13169	PAXD0000, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMD20060	PAXD0000	PAX bezel is plastic instead of die-cast metal
IMD20160	PAXD0000	PAX bezel is plastic instead of die-cast metal
IMD20162	PAXD0000, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMD23160	PAXD0000	PAX bezel is plastic instead of die-cast metal
IMD23161	PAXD0000, PAXCDC10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMD23162	PAXD0000, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMD23163	PAXD0000, PAXCDL10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMD23167	PAXD0000, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMD23169	PAXD0000, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMl04160	PAXLCR00	PAX bezel is plastic instead of die-cast metal
IMl04161	PAXl0020, PAXCDC10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMl04162	PAXl0020, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMl04163	PAXl0020, PAXCDL10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMl04167	PAXl0020, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus

IM Model Numbers	PAX Model Numbers	Primary Differences
IMl04169	PAXI0020, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMP20060	PAXP0000	PAX bezel is plastic instead of die-cast metal
IMP20160	PAXP0000	PAX bezel is plastic instead of die-cast metal
IMP20162	PAXP0000, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMP23160	PAXP0000	PAX bezel is plastic instead of die-cast metal
IMP23161	PAXP0000, PAXCDC10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMP23162	PAXP0000, PAXCDS20	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMP23163	PAXP0000, PAXCDL10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMP23167	PAXD0000, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMP23169	PAXD0000, PAXCDC10, PAXCDL10, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMS03160	PAXS0000	PAX bezel is plastic instead of die-cast metal
IMS03162	PAXS0000, PAXCDS10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMS03164	PAXS0000, PAXCDS10, PAXCDC10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards, communication is RS485, RS232, DeviceNet, Modbus or Profibus
IMS03166	PAXS0000, PAXCDS10, PAXCDL10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards
IMS03168	PAXS0000, PAXCDS10, PAXCDL10	PAX bezel is plastic instead of die-cast metal, PAX use field installable option cards