Industrial Automation and Lighting Kit

The Pro Industrial Automation and Lighting Kit is the perfect way to learn and create solutions focused on a micro PLC programming environment, industrial communication protocols and control applications.

Develop experience in programming a micro PLC with IEC 61131-3 languages or Arduino C++ to realize a small industrial control system.

Experience multiple communication features (Ethernet and Wi-Fi®) and get familiar with Fieldbus communications (Modbus RTU through RS485 and Modbus TCP through Ethernet).

Key features

- PLC IDE for Opta, prelicensed
- Expert Arduino Service & Support included
- 3 months Arduino Cloud for business voucher
- Arduino Opta RS485

Additional features

The Arduino PRO Kits are development enablers designed to offer end to end solutions to deep dive the technological experiences offered by the Arduino Ecosystem, targeting specific verticals. Made of a set of selected products, accessories, tools and guides, are easy and ready-to-use bundles to build professional applications and proof of concepts.

Quickly put them to work, leveraging the many available software libraries from Arduino and the compatible third party integrations for AI transformation.

Take advantage of the zero touch programming experience of the Arduino IoT Cloud: the onboard secure element ensures over-the-air firmware updates and remote control via the Arduino Cloud or third-party services.

Applications

- Smart cities - building automation
  - Energy monitoring
  - facility management
  - Smart city management
- Industrial automation

- ○ Remote production monitoring
    - ○ Remote actuation

Kit contains:
- Arduino Opta RS485
- Arduino Opta WiFi
- Single Phase power analyzer AC/DC - 100A
- Power Supply for switching Opta

Software included:
- Arduino Cloud for Business 3 months voucher
- PLC IDE for Opta, prelicensed

Service & Support included:
- 1hr remote consulting for Product Selection with an Arduino or Arduino partner expert
- 2hrs remote Technical Support from an Arduino Expert