

LC25 Pro Controller Features



For complete technical information about this product, including installation instructions, application requirements and guidelines, technical specifications, dimensions, and accessories, please refer to the manual at www.bannerengineering.com. Scan the QR code or follow the link below to go to the product series web page, and search for the LC25 Pro Controller manual (p/n 234628), the LC25 Pro Controller with IO-Link manual (p/n 234629), or the WLF12 Pro Flexible LED Strip Light manual (p/n 234631), in the Downloads section. Use of this document assumes familiarity with pertinent industry standards and practices. www.bannerengineering.com/wlf



LC25 Pro Controller Models

Model	Male Connector	Female Connector	LC25C Instruction Manual P/N
LC25C-WLF12-RGB7Q	Discrete control with Pro Editor	Output goes to the WLF12 Pro Flexible LED Strip Light	234628
LC25C-WLF12-KQ	IO-Link control		234629

LC25 Pro Controller with WLF12 Wiring

Pro Controller Wiring

4-pin Male M12 Pinout	Pinout Key and Wiring ⁽¹⁾
	<ol style="list-style-type: none"> 1. Brown - Input 1: 12 V DC to 30 V DC 2. White - Input 3: 12 V DC to 30 V DC 3. Blue - DC Common 4. Black - Input 2: 12 V DC to 30 V DC

Pro Controller with IO-Link Wiring

4-pin Male M12 Pinout	Pinout Key and Wiring
	<ol style="list-style-type: none"> 1. Brown - 18 V DC to 30 V DC 2. White - Not used 3. Blue - DC Common 4. Black - IO-Link Communication

LC25 Connection to the WLF12



LC25 Pro Controller Specifications

Operating Temperature

-40 °C to +50 °C (-40 °F to +122 °F)

Environmental Rating

IP65, IP67, IP68
Suitable for wet locations per UL 2108

Supply Voltage and Current

LC25 Pro: 12-30 V DC at 30 mA max.
LC25 Pro with IO-Link: 18-30 V DC at 30 mA max.
See the WLF12 Instruction Manual (p/n [234631](#)) for the added current draw from a WLF12

Certifications



Banner Engineering BV
Park Lane, Culliganlaan 2F bus 3
1831 Diegem, BELGIUM



Turck Banner LTD Blenheim House
Blenheim Court
Wickford, Essex SS11 8YT
GREAT BRITAIN

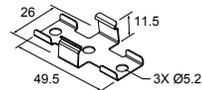


⁽¹⁾ Input functionality can change depending on the configuration created with Pro Editor. Refer to wiring diagrams in the selected mode in Pro Editor.

LC25 Pro Controller Accessories

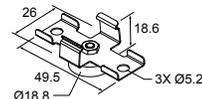
LMBLC25T

- Stainless steel clip bracket
- Includes 1 clip bracket and 2 plastic spacers
- Clearance hole for M5 hardware



LMBLC25TMAG

- Magnetic mounting bracket for attachment to steel and iron surfaces



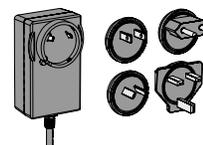
PSD-24-4

- 90 to 264 V AC 50/60 Hz input
- Includes a 1.8 m (6 ft) US style 5-15P input plug
- 24 V DC UL Listed Class 2 M12 connector output
- 4 A total current



PSW-24-2

- 24 V DC, 2 A Class 2 UL Listed power supply
- 100 V AC to 240 V AC 50/60 Hz input
- 3.5 m (11.5 ft) PVC cable with M12 quick disconnect
- Includes Type A (US, Canada, Japan, Puerto Rico, Taiwan), Type C (Germany, France, South Korea, Netherlands, Poland, Spain, Turkey), Type G (United Kingdom, Ireland, Singapore, Vietnam), and Type I (China, Australia, New Zealand) AC detachable input plugs



PSW-24-1

- 24 V DC, 1 A Class 2 UL Listed power supply
- 100 V AC to 240 V AC 50/60 Hz input
- 2 m (6.5 ft) PVC cable with M12 quick disconnect
- Includes Type A (US, Canada, Japan, Puerto Rico, Taiwan), Type C (Germany, France, South Korea, Netherlands, Poland, Spain, Turkey), Type G (United Kingdom, Ireland, Singapore, Vietnam), and Type I (China, Australia, New Zealand) AC detachable input plugs



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