

## Datasheet

15 mm Multicolor RGB Indicator

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](http://www.bannerengineering.com). Follow the link below to go to the product series web page, and search for the S15L Pro with Modbus Status Indicator manual, p/n 235708, in the Downloads. Additionally, for complete information on configuration, performance, and troubleshooting, search p/n 209995 to view the PICK-IQ™ Device Register Map. Use of this document assumes familiarity with pertinent industry standards and practices. [www.bannerengineering.com/s15lpro](http://www.bannerengineering.com/s15lpro)



## Models

Model	Housing	Style	Control	Connector
S15LPSQ	S15	Pro	Serial/PICK-IQ™	Integral 4-pin M12 male/female quick-disconnect connector

## Wiring

4-pin M12 Male	4-pin M12 Female	Pin	Wire Color	Description
		1	Brown	10 V DC to 30 V DC
		3	Blue	DC Common
		4	Black	RS-485 (-)
		2	White	RS-485 (+)

## Specifications

### Supply Voltage

10 V DC to 30 V DC

### Supply Current

80 mA maximum current at 10 V DC  
50 mA typical at 24 V DC

### Supply Protection Circuitry

Protected against reverse polarity and transient voltages

### Operating Conditions

-40 °C to +40 °C (-40 °F to +104 °F)

**Humidity:** 90% at +50 °C maximum relative humidity (non-condensing)

**Storage Temperature:** -40 °C to +70 °C (-40 °F to +158 °F)

### Environmental Rating

IP65, IP67, IP68, UL Type 1

### Construction

Coupling Material: Nickel-plated brass  
Connector Body: PVC translucent white

### Vibration and Mechanical Shock

Meets IEC 60068-2-6 requirements (Vibration: 10 Hz to 55 Hz, 1.0 mm amplitude, 5 minutes sweep, 30 minutes dwell)

Meets IEC 60068-2-27 requirements (Shock: 30G 11 ms duration, half sine wave)

### Connections

Integral 4-pin M12 male/female quick-disconnect connector

Models with a quick disconnect require a mating cordset

### 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

## Key Accessories

Refer to the manual for additional accessories and complete information.

### MQDC-406

Straight 4-pin threaded M12 cordset—single ended

### MQDEC-401SS

Straight 4-pin threaded M12 cordset—double ended

### LMBM12MAG

Magnetic bracket for use with M12 cordsets

### LMBM12SP

Pack of seven snap clip brackets for use with M12 cordsets

### LMBS15MAG

Magnetic bracket for use with S15 devices

### LMBS15SP

Pack of five snap clip brackets for use with S15 devices

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