



The SL Kit II is a new generation of crimp quality monitor designed for integration with wire processing machines. Its compact size allows it to be mounted within a crimp press or in the electrical cabinet of a wire processing machine.

The Ethernet-enabled SL Kit II allows it to be easily connected in a network for complete control by a host via TCP. Alternatively, RS-485 and RS-232 interfaces are also available as a means of connecting to a host controller.

An extensive set of protocol is available to allow for complete control of the SL Kit II, including parameter settings and retrieval of crimp & statistical information. We can also customise the communication protocol as well as the hardware interface to fit your application requirements.

Technical Specifications:

- Channel : single
- Trigger (optional) : proximity, encoder, disc, servo or customised
- Sensor : piezo or strain sensor (SMA connector)
- Analysis : area, shape, zone 1 & 2 and peak force
- Outputs : ready, good & bad
- Indicators : ready, good / bad (bi-colour)
- Inputs : 2 x digital (learn, reset); 1 x analog
- Sequencer : 10 sequences; alternating press direction
- Communication : RS-232, RS-485 / Ethernet
- Compatibility : SL SPC, SL SoftScope, SL Net 3 etc
- Power supply : 24 VDC, 6Watts
- Size (LxWxH) : 125mm x 90mm x 22.5mm
- Weight : 200g
- Standard or customised communication protocol and interface to fit your requirements
- Specification is subject to change without notice

CN1		Inputs	
PIN	NAME	DESCRIPTION	SPECIFICATION
1.1	COM	Input Common	Min Voltage: 18VDC Max Voltage: 24VDC Max Current: 10mA
1.2	LEARN	Input 1	
1.3	RESET	Input 2	0 to 5VDC
1.4	IN3	Input 3 (Analog)	

CN2		Trigger	
PIN	NAME	DESCRIPTION	SPECIFICATION
2.1	+24V	Power Output	24VDC 50mA
2.2	COM	Trigger Input Common	Min Voltage: 5V Max Voltage: 12V For 24V input, series a 4.7K ohm on the input
2.3	M	Trigger M Pluse	
2.4	A/B	Trigger A/B Pluse	

CN3		Power / RS-232	
PIN	NAME	DESCRIPTION	SPECIFICATION
3.1	+24V	Power Input	Voltage: +24VDC Power: 6W
3.2	RX	RS-232 RX	
3.3	TX	RS-232 TX	
3.4	COM	RS-232 GND	

CN4		Outputs	
PIN	NAME	DESCRIPTION	SPECIFICATION
4.1	DV	Power Input Common	Voltage: 24VDC Max Current: 0.5A
4.2	READY	COM Ready Output	
4.3	GOOD	Good Sorting Output	
4.4	BAD	Bad Sorting Output	

**QUALITY CONTROL AT
YOUR FINGERTIPS**