

 **Schleuniger**<sup>®</sup>  
To Be Precise.



# UniCrimp LPC A

**Crimping Station for Loose Piece Terminals**

# UniCrimp LPC A

## Description

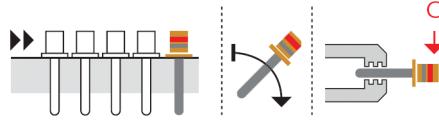
The UniCrimp LPC A is a modular crimping station for processing loose piece, machined terminals for 26 – 12 AWG (0.13 – 4 mm<sup>2</sup>) wires. Designed for integration in fully automatic systems, the UniCrimp LPC A automatically positions the terminals and crimps them onto pre-stripped wires with a 4 / 8 indent crimp. Modular changeover kits reduce machine downtime to a minimum and allow flexible processing of different terminal sizes and geometries (male/female).

## Feeding and Positioning

A combined drum / track system feeds, sorts and separates the loose piece terminals. The integrated feeding module positions the terminal in the crimp applicator. Depending on the terminal feeding type, the UniCrimp LPC A is available in 3 versions.

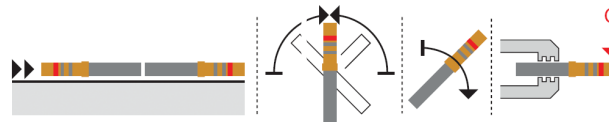
### Feeding Type 1

Terminals suspended with crimp zone (C) up



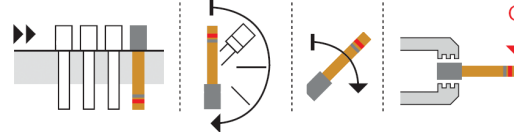
### Feeding Type 2

Terminals horizontal with crimp zone (C) leading or trailing



### Feeding Type 3

Terminals suspended with crimp zone (C) down



## Main Features

- Compact and open design
- Complete changeover to different terminals of same feeding type in < 5 min.
- Simple operation with PAWOPILOT
- PrismaCrimper crimp tool with option to use either Daniels WA27F or WA22 tools
- Stepless crimp depth adjustment (with PrismaCrimper)
- Process monitoring for terminal presence and position during feeding

# Technical Specifications

## Wire cross section

26 – 12 AWG (0.13 – 4.0 mm<sup>2</sup>)

## Inner conductor diameter

max. 0.11" (3 mm)

## Cable outer diameter (O.D.)

max. 0.27" (7 mm)

## Cycle time

< 1.5 s (for terminal positioning, crimping)

## Crimp type

4 / 8 indent crimp

## Terminal diameter (O.D.)

max. 0.23" (6 mm)

## Start cycle

I/O signal

## Power supply

115 – 230 V, 50/60 Hz, max. 0.3 kW

## Pneumatic connection

min. 90 psi (6 bar), oil-free, dry and filtered compressed air

## Dimensions (W x D x H)

7.1 x 15.7 x 17.7" (180 x 400 x 450 mm)

## Weight

100 lbs (45 kg)

## CE-conformity

The UniCrimp LPC A fully complies with all CE and EMV equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.

## Important notice

Schleuniger recommends that wire samples be submitted in cases where there is doubt as to the processing capabilities of a particular machine.

Specifications subject to change  
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