

DATA SHEET

Accessories: Pneumatic line terminals LK 25



Pneumatic line terminal LK 25-4

| | |
|---------------------------|---|
| <p>Description</p> | <p>If a lot of free cable ends have to quickly be connected in the production pneumatic line terminals are used. The pneumatic line terminals consist of a very small valve which is actuated by the cable end. This valve in turn drives a small cylinder which clamps the free cable end - the cable is connected. With a push button on the pneumatic terminal the connected cable is released again. The contact is established by inserting the cable ends into the contact opening. This process is triggered by an actuating plunger which is pressed down approx. 1 mm by the cable. The connection between cable and housing is made by means of a clamping piston. By pressing the opening button on the pneumatic cable clamp, the air supply and thus the contact is interrupted. For special solutions several of these terminals are arranged in a plastic block. This allows a close arrangement with high insulation between each terminal. The 4-wire technique can be led up to the pneumatic line terminal. By means of a joint valve of a group of arranged line terminals all connections can be released by a joint signal. There are line terminals for cables with different diameters available. SPS electronic offers application-specific solutions for electrical contacts in the area of electrical test technique. We link mechanical expertise with high voltages and high currents. As an electronics company we are especially proud of our mechanical know-how: Perfect design and maximum quality.</p> <p>Note: To contact smooth surfaces such as wire end sleeves, we recommend using a cable clamp with a cap. These types are marked with the additional note „WK“.</p> |
| <p>LK 25-4</p> | <ul style="list-style-type: none"> • Pneumatic line terminal for free cable ends • Compressed air supply • Push button for quick release • For free cable ends with max. 4 mm (0.16 in.) diameter • Electrical connection via Faston connector |

Versions

| Hole diameter | Minimum cable diameter | Operating pressure | Cap | Type |
|-----------------|------------------------|--------------------|-----|------------|
| 4 mm (0.16 in.) | 1 mm | 6 bar | – | LK 25-4 |
| 4 mm (0.16 in.) | 1 mm | 6 bar | yes | LK 25-4-WK |
| 6 mm (0.24 in.) | 1 mm | 6 bar | – | LK 25-6 |
| 6 mm (0.24 in.) | 1 mm | 6 bar | yes | LK 25-6-WK |
| 9 mm (0.35 in.) | 1 mm | 6 bar | – | LK 25-9 |
| 9 mm (0.35 in.) | 1 mm | 6 bar | yes | LK 25-9-WK |