

# DATA SHEET

## Accessories: Kelvin terminals series KL



Kelvin terminal KL 25

<p><b>Description</b></p>	<p>If connections such as threaded bolts or free cable ends must be contacted, Kelvin terminals are used. The name Kelvin describes the applied 4-wire technique. This means that the test signal and the measurement signal (sensor line) is separately led to the DUT. This allows transfer resistances to be compensated. Only with this technique low-impedance measurements on cables or coils are possible.</p> <p>The Kelvin terminal can also be applied with ground bond tests. Here low-impedance lines are to be measured with the ground bond test device. Depending on the application different versions are offered.</p> <p>By exchangeable jaws free cable ends or threaded bolts can be connected.</p>
<p><b>KL 25</b></p>	<ul style="list-style-type: none"> <li>• Standard version with 35 mm (1.4 in.) opening width</li> <li>• Made of black plastic</li> <li>• Contact area 20 mm<sup>2</sup> (0.03 in.<sup>2</sup>)</li> <li>• Pressing force 100 N</li> <li>• Jaws for free cable ends of 0.5 to 30 mm diameter (0.02 to 1.2 in.)</li> <li>• Jaws for threaded bolts of 2 to 5 mm diameter (0.08 to 0.19 in.)</li> <li>• Connection cable ca. 1.5 m (4.9 ft.) long with 4 mm (0.16 in.) laboratory plugs</li> </ul>

### Versions

	Type
Simple version with 25 mm (1.0 in.) opening width	KL 01
Small version with 20 mm (0.8 in.) opening width	KL 20
Standard version with 35 mm (1.4 in.) opening width	KL 25
Standard version with 35 mm (1.4 in.) opening width and cutting jaws	KL 28