

## Technical data

### Electrical connection values

Connection cross section	max. 1 mm <sup>2</sup> (Soldered connection)
Rated voltage	50 V
Rated impulse withstand voltage U <sub>imp</sub>	4 kV
Contact resistance	5 mΩ
Nominal current	6 A

### Mechanical values and environment

Clamping range for cable	6 ... 8 mm
Number of pins	7
Degree of protection	IP67 (in the inserted and screwed tight state)
Ambient temperature	-20 ... +80 °C
Material	
	Contact Brass, nickel plated, 1µm hard gold-plated
	Housing Brass, matte chromium plated

## Downloads

All documentation for this material can be found on our website:

<https://www.euchner.de/en-us/a/002774/?#downloads-tab>

**Ordering data**

Ordernumber	002774
Item designation	SD7K
Gross weight	0,044kg
Customs tariff number	85369010000