

Technical data

Electrical connection values

Connection cross section	max. 1 mm ² (Soldered connection)
Rated voltage	50 V
Rated impulse voltage U _{imp}	4 kV
Contact resistance	5 mΩ
Nominal current	6 A

Mechanical values and environment

Clamping range for cable	12 ... 14 mm
Storage temperature	-25 ... 80 °C
Number of pins	12
Degree of protection	IP67 (In the inserted and screwed tight state)
Ambient temperature	-20 ... 80 °C

Material

Housing	Brass, matte chromium plated
Contact	Brass, nickel plated, 1 μm hard gold-plated

Downloads

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

<https://www.euchner.de/en-us/a/002810/?#downloads-tab>

Ordering data

Ordernumber	002810
Item designation	BD12K
Gross weight	0,043kg
Customs tariff number	85369010000