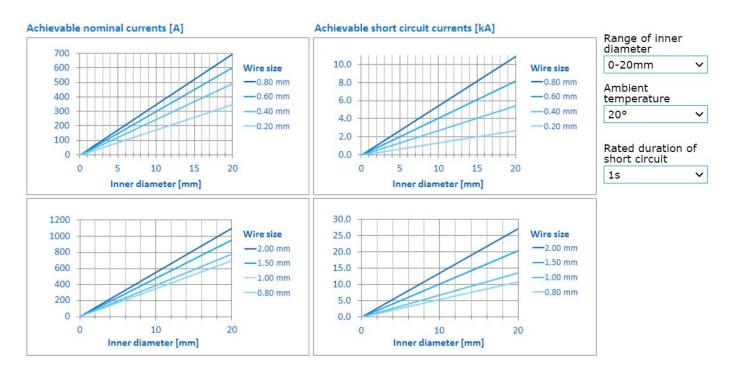
## ELECTRICAL CONTACT

BAUMANN Contact Elements are springs that transmit high currents in small spaces. The amount of current that can be transmitted depends on various parameters described in more detail below. By different setting of the parameters required in the application, it could have the first indication of the achievable nominal current and the achievable short circuit current. Please note that all values are based on a theoretical calculation model assuming CuCr1Zr as wire material. All values need to be verified with tests in the specific application.



## Range of inner diameter

Choose the range of inner diameter for which you would like to see our indication of transmittable currents.

## **Ambient temperature**

The temperature difference between maximum allowable operating temperature and maximum ambient temperature influences the transmittable current. The lower the difference, the lower the transmittable current. For the above indications, a maximum operating temperature of 105°C is assumed.

## **Rated duration of short circuit**

Time during which the Contact Element is exposed to a short circuit current without exceeding a maximum temperature of 350°C.

© Copyright This document contains and/or refers to PROPRIETARY information of BAUMANN and may not be reproduced, copied, published, or distributed in any form or disclosed to a third party, in whole or in part, without the written authorization of BAUMANN. Products of BAUMANN and these documents are Proprietary, and Products may not be manufactured, or caused to be manufactured, by any other party.