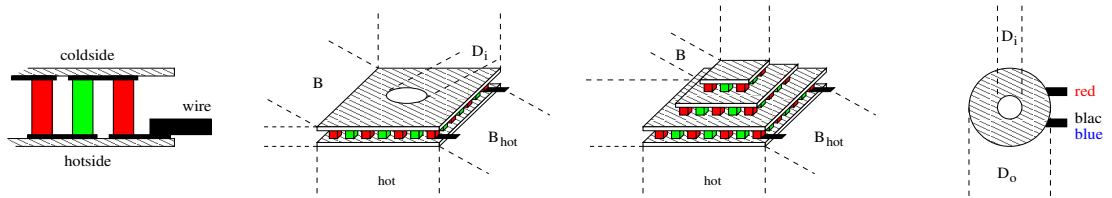


**thermo electrical generator**



**thermal and electrical data:**

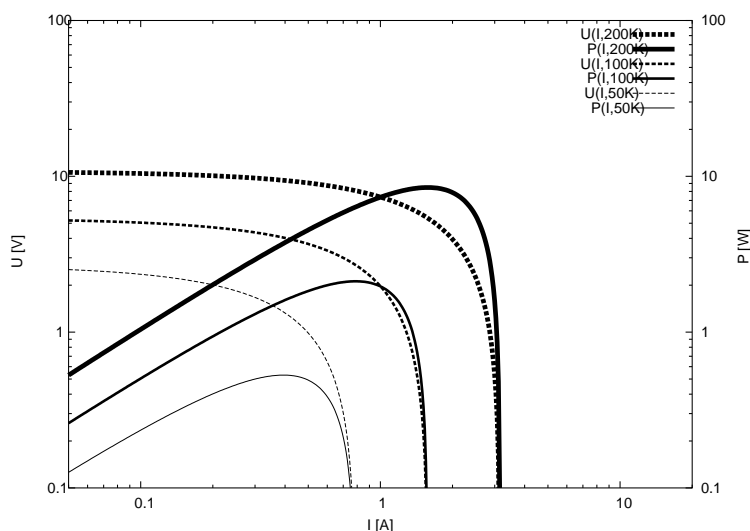
thermal force:	$\alpha$	0.0537	$\frac{V}{K}$
resistance:	$\rho$	3.41	$\Omega$
thermal conductivity:	$\gamma$	0.312	$\frac{W}{K}$
available maximum operating temperatures:	$T_{max}$	120, 200	$^{\circ}C$
typical tolerances:		$\pm 2\%$	

**mechanical data:**

size of cold side:	$L \times B \times H$	30.0 × 30.0 × 3.60	mm
size of hot side:	$L_{hot} \times B_{hot}$	30.0 × 30.0	mm
height tolerance:	$\Delta H$	$\pm 0.25$	mm
length and width tolerances:	$\Delta L$ and $\Delta B$	+0.5 / - 0.2	mm
weight:	$m$	15	g
ceramic plates:		BK-100 (grey) or BK-96 (white)	

location of production:

Russia



**order information:**

part number	maximum operating temperature	modification	internal code
TEG1-30-30-2.1/100	120 $^{\circ}C$	sealed	XX.XX.XXXX
TEG1-30-30-8.5/200	200 $^{\circ}C$	sealed	XX.XX.XXXX

Internal code is for reference only. Do not use this code for orders!

**Note:** Some or all of the above parts may only be available in OEM quantities.

Consult the factory for information about minimum order quantities: [info@eureca.de](mailto:info@eureca.de)