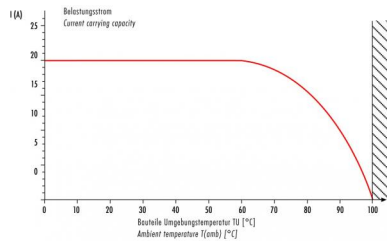


Product Area	Male cable connector RD 30 connectors	serie 694	Pole Article number	12+PE 99 0717 02 13
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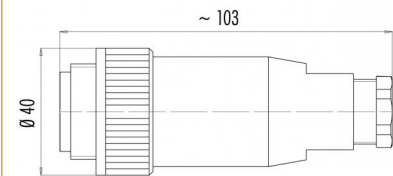
**Deratingkurven**



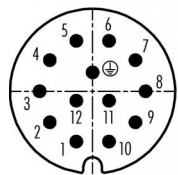
**illustration**



**scale drawing**



**Contact Arrangement**



	X	Y
1	-2,38	-7,33
2	-6,23	-4,53
3	-7,70	0,00
4	-6,23	4,53
5	-2,38	7,33
6	2,38	7,33
7	6,23	4,53
8	7,70	0,00
9	6,23	-4,53
10	2,38	-7,33
11	2,38	-1,37
12	-2,38	-1,37
⊕	0,00	2,74

You can find the item description on the next page.

**Technical data**

**Common values**

Connector Design	Male cable connector
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	1,00 mm <sup>2</sup>
Wire gauge (AWG)	18
Cable outlet	12 - 14 mm
Upper temperature	+100 °C
Lower temperature	-40 °C

**Material**

Material of contact	CuZn (brass)
Contact plating	Ag (silver)
Material of contact body	PA (UL 94 HB)
Material of housing	PA (UL 94 V-0)

**Cable data**

Contacts 12+PE, male cable connector, Cable outlet 12 - 14 mm

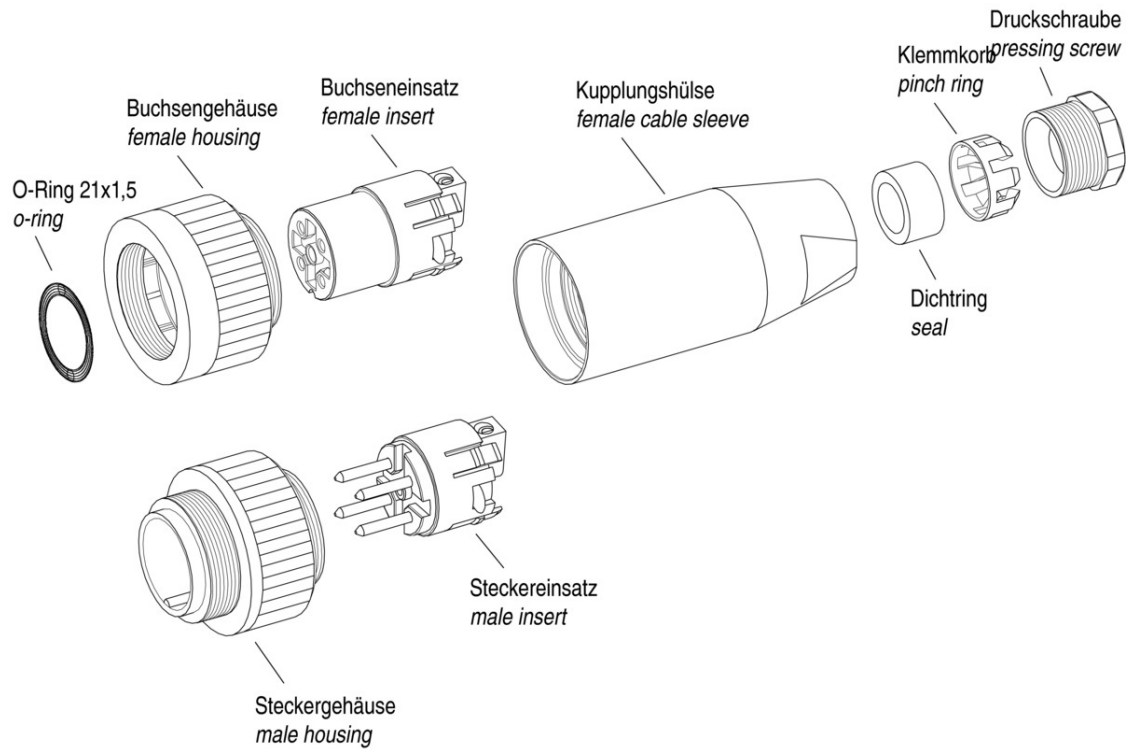
**Electrical values**

Rated voltage	250 V
Rated impulse voltage	4000 V
Pollution degree	3
Overvoltage category	III
Material group	III
Rated current (40°C)	6 A
Volume resistivity	≤ 5 mΩ
EMV compliance	not shielded
Degree of protection	IP 65
Mechanical operation	>500 mating cycles



Product Area	Male cable connector RD 30 connectors	serie 694	Pole Article number	12+PE 99 0717 02 13
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Item description



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