

Typ/ type	Polzahl/ number of poles	Farbkennung/ colour code
RKF 4-3	3 	1 braun / brown 2 n.c. 3 blau / blue 4 schwarz / black
RKF 4	4 	1 braun / brown 2 weiß / white 3 blau / blue 4 schwarz / black
RKF 5	5 	1 braun / brown 2 weiß / white 3 blau / blue 4 schwarz / black 5 grün-gelb / green-yellow

Legende/ cutlinde

- \*a O-Ring/ o-ring
- \*b O-Ring lose beigelegt/  
o-ring enclosed separately
- \*c Leiteranschlussbereich vergossen/  
cable connecting area potted

The information/details in this datasheet merely contain general descriptions or performance factors which, when applied in an actual situation, do not always correspond with the described form, and may be amended by way of the further development of products. The desired performance factors shall only be binding if these are expressly agreed on conclusion of the contract.



**Product description**

Description	M12 fem. Receptacle connector for front mounting -assembled stranded wire -chassis side thread PG9
Type	RKF .../...M, see last page(s)
Order No	see last page(s)
Number of contacts	3, 4, 5
Type of contacts	female
Standard	IEC 61076-2-101
Construction type	similarly EF

**Technical data**

Rated voltage	250 V AC/DC (3-4 poles) 60 V (UL: 30 V) (5 poles)
Rated current *	4 A
Rated impulse voltage	2 kV (3-4 poles) 1,5 kV (5 poles)
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 5 mOhm
Insulation resistance	> 10 <sup>9</sup> Ohm

\* Notice derating

**Materials**

Housing	CuZn, nickel-plated
Contact bearer	TPU, black
Contact	CuZn
Contact plating	pre-nickeled and gold-plated
O-ring	FKM

**Environmental conditions**

Protection class (IEC 60529) *	IP67
Temperature range	-25°C to +80°C, notice derating

Good chemical resistance.

The resistance has to be checked in individual cases.

\* only if mounted and locked in combination with Hirschmann / Lumberg connector.  
on the installation side tightness has to be assured by taking proper measures

**Cable-data**

Cabletype

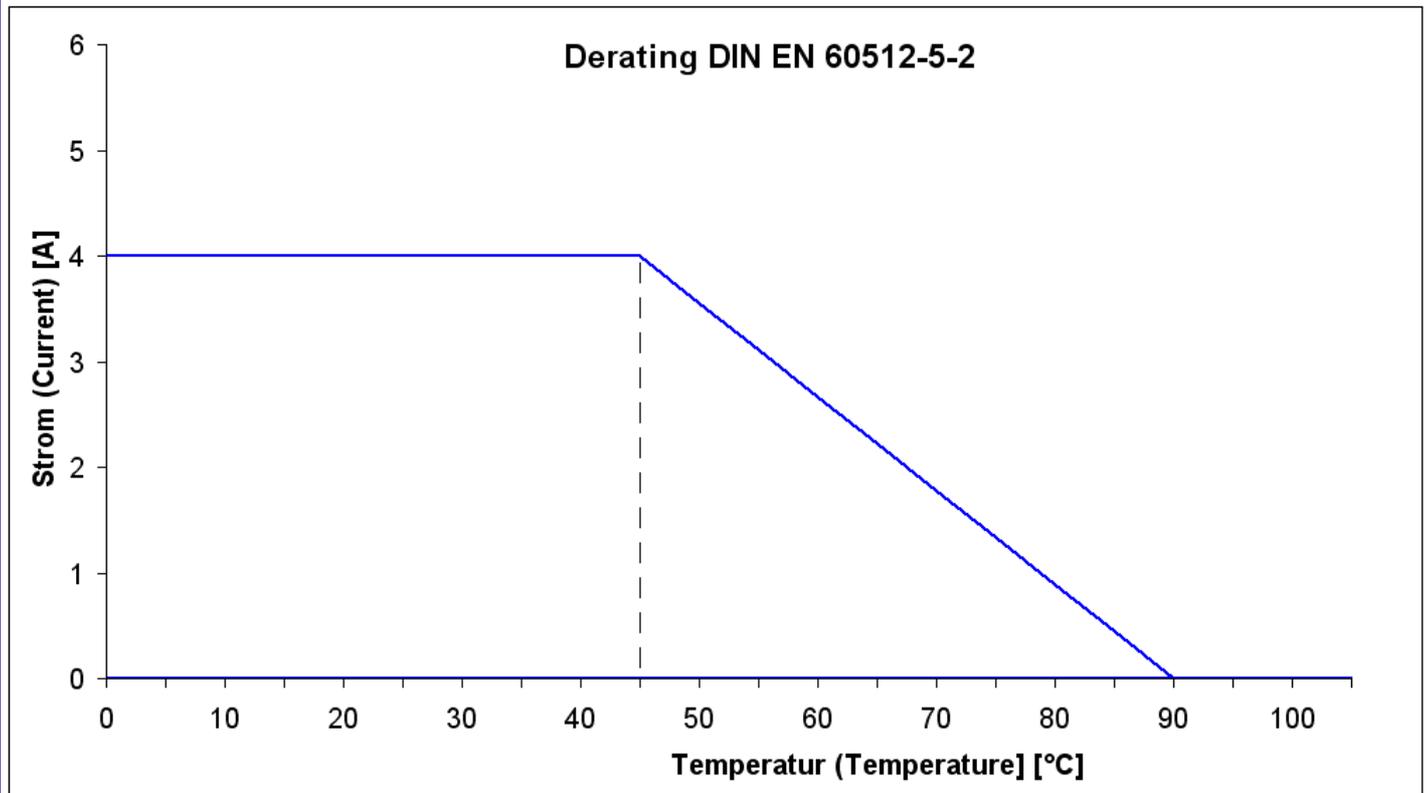
Stranded hook-up wire 43, Cable jacket: PVC,  
outer diameter D= 1,55 mm,  
conductor cross-section 0,355 mm<sup>2</sup>

Further types on request.

Further technical information on control lines see 90843

**Cutline**

Do not connect or disconnect under load.



**Standard products**

Artikel-No.	Type
000-011-266	RKF 4-3/0,5 M
000-011-270	RKF 5/0,5 M
000-014-952	RKF 4-3/1 M
000-024-753	RKF 4/0,2 M