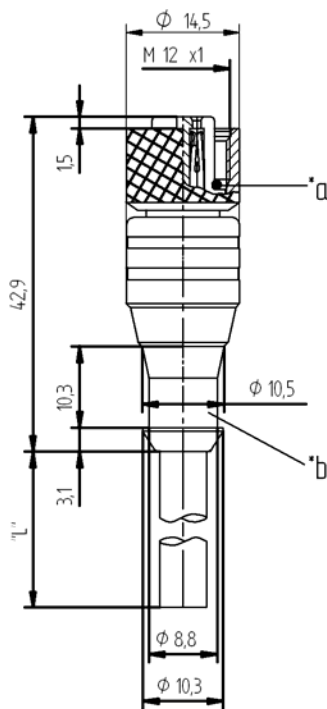


RoHS ✓
2002/95/EG



Typ type	Standard-Kontaktbelegung standard-contact assignment		
	Polzahl number of poles	Farbkennung / colour code	
		Variante 01 version 01	Variante 02 version 02
RKT 3...	3	 1 = braun/brown 3 = blau/blue 4 = schwarz/black	
RKT 4 - 3...	3	 1 = braun/brown 2 = n.c. 3 = blau/blue 4 = schwarz/black	
RKT 4...	4	 1 = braun/brown 2 = weiß/white 3 = blau/blue 4 = schwarz/black	
RKT 5...	5	 1 = braun/brown 2 = weiß/white 3 = blau/blue 4 = schwarz/black 5 = grün/gelb green/yellow	1 = braun/brown 2 = weiß/white 3 = blau/blue 4 = schwarz/black 5 = grau/grey

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 female connector with molded cable - molded body allows subsequent hose mounting - knurled nut with self-locking threaded joint - colour coding of the conductor acc. to Euro-standard
Order No	see standard products page 4
Type	RKT..., see standard products page 4
Type of contacts	female
Number of contacts	see standard pin assignment page 1
Color housing	see standard products page 4
Color contact bearer	see standard products page 4
Standard	IEC 61076-2-101
Construction type	LF

Technical data

Rated voltage	3-4-pin: 240 V AC/DC 5-pin: 60 V AC/DC
Rated current *	4 A
Rated impulse voltage	3-4-pin: 2,0 kV 5-pin: 1,5 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE0110)
Contact resistance	≤ 5 mOhm
Insulation resistance	> 10 ⁹ Ohm

* Notice derating

Materials

over moulding	TPU
Contact bearer	TPU
Contact	CuSn
Contact surface	Cu/Au
Knurled nut	CuZn, nickel-plated
O-ring	FKM

Environmental conditions

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

Good chemical resistance.

The resistance has to be checked in individual cases.

* only if mounted and locked and in combination with Hirschmann / Lumberg connector.

Additional technical data

Fastening torque (coupling nut)	M 12x1: (40-60) Ncm, hand-tight
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Cutline

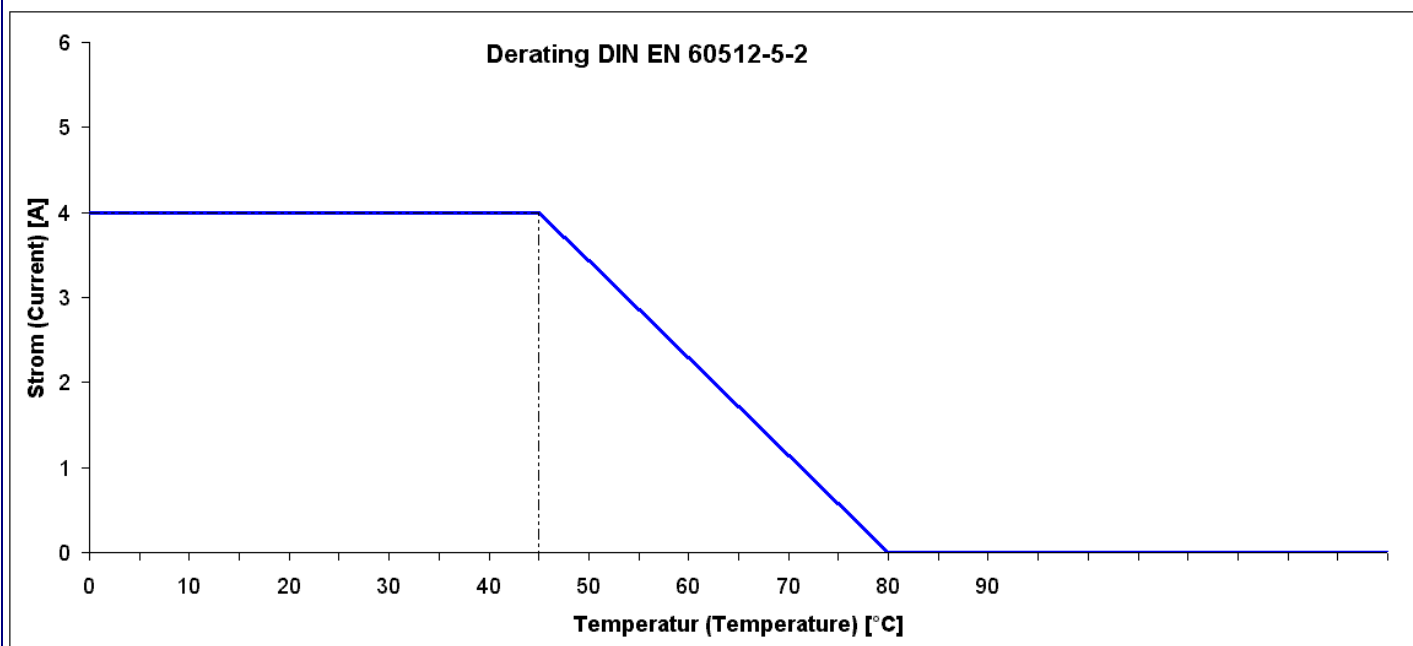
Do not connect / disconnect under load.

*a o-Ring

*b hose mounting

"L" = standard length of control line (other lengths of control lines on request)

Further technical information on control lines see 909...



Standard products

Artikel-No.	Type	-colors, pin-assignr	Color housing	Color contact beare
000-011-347	RKT 4-07/10 M	Variante 01	transluzent	orange
000-011-348	RKT 4-07/2 M	Variante 01	transluzent	orange
000-011-349	RKT 4-07/5 M	Variante 01	transluzent	orange
000-011-355	RKT 4-225/2 M	Variante 01	transluzent	orange
000-011-356	RKT 4-225/5 M	Variante 01	transluzent	orange
000-011-357	RKT 4-251/2 M	Variante 01	transluzent	orange
000-011-358	RKT 4-251/5 M	Variante 01	transluzent	orange
000-011-363	RKT 4-3-06/2 M	Variante 01	transluzent	orange
000-011-364	RKT 4-3-06/5 M	Variante 01	transluzent	orange
000-011-373	RKT 5-228/2 M	Variante 01	transluzent	orange
000-011-374	RKT 5-228/5 M	Variante 01	transluzent	orange
000-011-378	RKT 5-259/2 M	Variante 01	transluzent	orange
000-011-379	RKT 5-259/5 M	Variante 01	transluzent	orange
000-011-380	RKT 5-56/10 M	Variante 02	transluzent	orange
000-011-381	RKT 5-56/2 M	Variante 02	transluzent	orange
000-011-382	RKT 5-56/5 M	Variante 02	transluzent	orange
000-013-274	RKT 3-06/2 M	Variante 01	orange	schwarz/ black
000-013-357	RKT 5-87/5 M	Variante 01	transluzent	orange
000-013-358	RKT 5-87/10 M	Variante 01	transluzent	orange
000-013-359	RKT 5-87/2 M	Variante 01	transluzent	orange
000-015-729	RKT 4-3-224/10 M	Variante 01	transluzent	orange
000-015-730	RKT 4-3-224/5 M	Variante 01	transluzent	orange
000-017-046	RKT 5-228/10 M	Variante 01	transluzent	orange
000-018-170	RKT 4-3-224/2 M	Variante 01	transluzent	orange
000-018-222	RKT 4-225/10 M	Variante 01	transluzent	orange
000-025-703	RKT 4-251/10 M	Variante 01	transluzent	orange
000-028-810	RKT 5-72/5 M	Variante 02	transluzent	orange
000-030-091	RKT 5-259/10 M	Variante 01	transluzent	orange
000-051-487	RKT 5-289/2 M	Variante 01	transluzent	orange
000-051-488	RKT 5-289/5 M	Variante 01	transluzent	orange
000-051-489	RKT 5-289/10 M	Variante 01	transluzent	orange
000-053-582	RKT 4-265/2 M	Variante 01	transluzent	orange
000-056-596	RKT 4-288/5 M	Variante 01	transluzent	orange
000-058-734	RKT 4-265/5 M	Variante 01	transluzent	orange
000-070-574	RKT 4-288/10 M	Variante 01	transluzent	orange
000-071-267	RKT 4-3-260/2 M	Variante 01	transluzent	orange
000-071-268	RKT 4-3-260/5 M	Variante 01	transluzent	orange
000-071-269	RKT 4-3-260/10 M	Variante 01	transluzent	orange
000-071-673	RKT 5-293/2 M	Variante 02	transluzent	orange
000-072-784	RKT 5-293/5 M	Variante 02	transluzent	orange
000-076-494	RKT 4-295/5 M	Variante 01	transluzent	orange
000-076-495	RKT 4-295/10 M	Variante 01	transluzent	orange
000-086-359	RKT 5-72/10 M	Variante 02	transluzent	orange
000-088-351	RKT 4-265/10 M	Variante 01	transluzent	orange
000-107-564	RKT 5-293/10 M	Variante 02	transluzent	orange
000-109-187	RKT 5-72/2 M	Variante 02	transluzent	orange