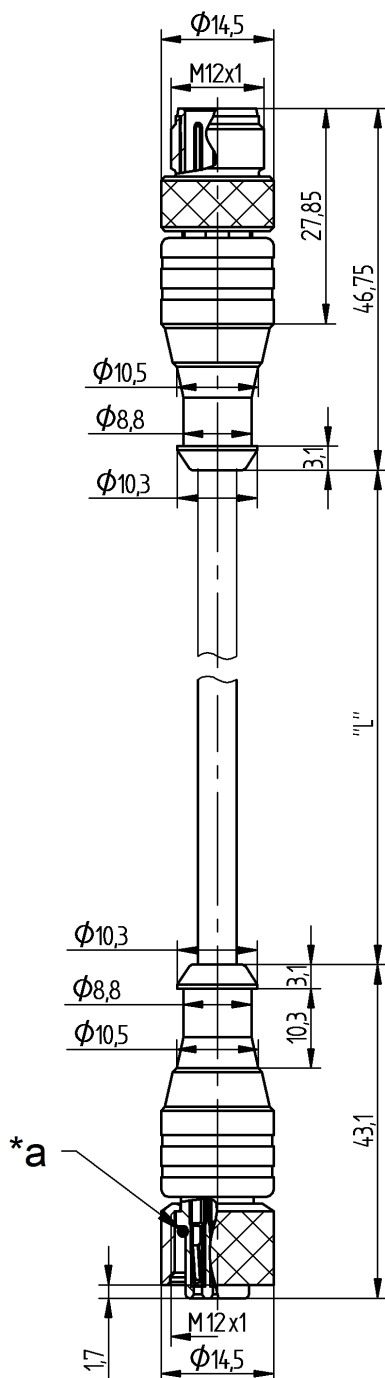
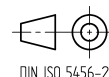


RoHS ✓



Typ/ type	Kontaktbelegung/ contact assignment	
	Polzahl/ number of poles	Farbkennung/ colour code
RST	5	1 = braun / brown
		2 = weiß / white
		3 = blau / blue
		4 = schwarz / black
		5 = grün gelb / green yellow
RKT	5	1 = braun / brown
		2 = weiß / white
		3 = blau / blue
		4 = schwarz / black
		5 = grün gelb / green yellow

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	- cordset double-ended, M12 male connector and M12 female connector with self-locking threaded joint and molded cable - colour coding of the conductor acc. to Euro-standard
Type	RST 5- RKT 5-87/*M
Type of contacts	RST: male RKT: female
Number of contacts	5
Standard	IEC 61076-2-101
Construction type	RST: LM RKT: LF

Technical data

Rated voltage	60 V (UL: 30V)
Rated current *	4 A
Rated impulse voltage	1,5 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$> 10^9 \Omega$

* Notice derating

Materials

Contact bearer	TPU, orange
over molding	TPU, translucent
Contact	CuSn
Contact plating	Cu/Au
Knurled screw	CuZn, nickel-plated
Knurled nut	CuZn, nickel-plated
O-ring	FKM

Environmental conditions

Protection class (IEC 60529) *	IP67
Temperature range	-40°C to +85°C **

Good chemical resistance.

The resistance has to be checked in individual cases.

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

** Temperature resistance of the cable considered separately

Additional technical data

Fastening torque	M 12x1: 50 Ncm, hand-tight
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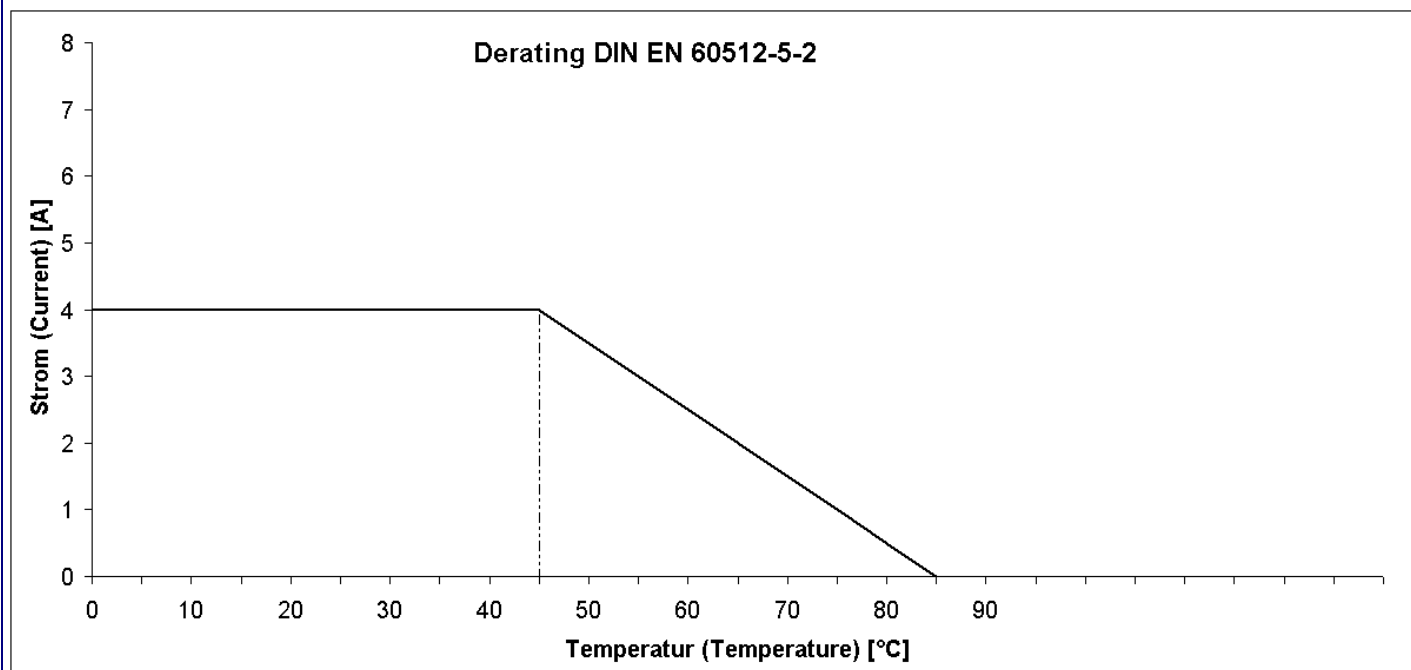
Cutline

Do not connect / disconnect under load.

*a o-ring

L = length of control line

Further technical information on the control line see datasheet 90987



Standard products

Artikel-No.	Type
000-000-795	RST 5-RKT 5-87/15 M
000-001-254	RST 5-RKT 5-87/0,3 M
000-002-391	RST 5-RKT 5-87/6 M
000-002-392	RST 5-RKT 5-87/7 M
000-002-394	RST 5-RKT 5-87/8 M
000-002-396	RST 5-RKT 5-87/9 M
000-002-576	RST 5-RKT 5-87/1,5 M
000-002-577	RST 5-RKT 5-87/2,5 M
000-015-376	RST 5-RKT 5-87/1 M
000-015-388	RST 5-RKT 5-87/20 M
000-015-389	RST 5-RKT 5-87/10 M
000-015-390	RST 5-RKT 5-87/5 M
000-015-391	RST 5-RKT 5-87/2 M
000-017-619	RST 5-RKT 5-87/3 M
000-017-997	RST 5-RKT 5-87/4 M
000-073-930	RST 5-RKT 5-87/0,6 M