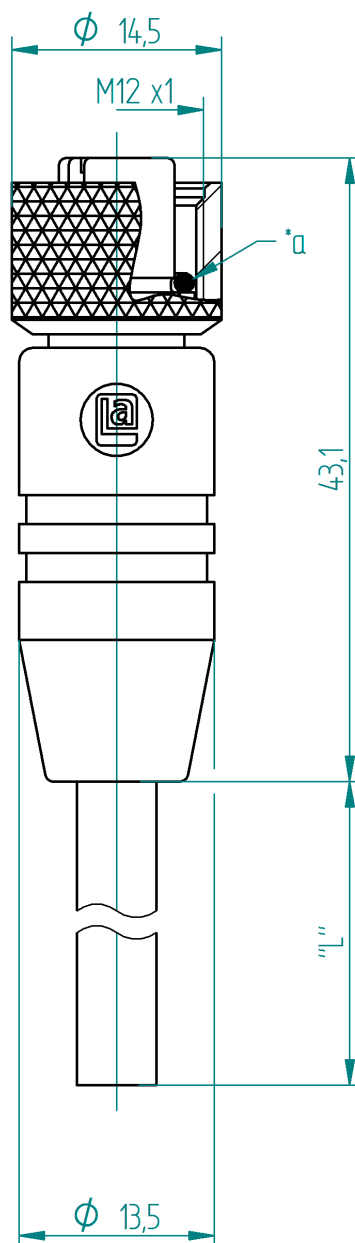


RoHS ✓



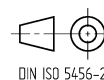
Typ/ type	Kontaktbelegung/ contact assignment	
	Polzahl/ number of	Farbkennung/ colour code
RKTS 8 8		1 = weiß / white 2 = braun / brown 3 = grün / green 4 = gelb / yellow 5 = grau / grey 6 = rosa / pink 7 = blau / blue 8 = rot / red

Legende/ cutlinde

*a O-Ring/ o-ring

"L" Standardlänge der Steuerleitung/
standard length of cable

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, shielded - 360° shielding connected to knurled nut/screw
Type	RKTS 8-299/...
Order No	, see standard products
Type of contacts	female
Number of contacts	8
Standard	DIN EN 61076-2-101
Construction type	LF

Technical data

Rated voltage	30 V
Rated current *	2 A
Rated impulse voltage	0,8 kV
Insulation resistance	> 10 ⁹ Ohm
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 5 mOhm

* Notice derating

Materials

over molding	TPU, orange
Contact bearer	TPU, black
Contact	CuZn
Contact plating	Cu/Au
Shielding sleeve	CuZn, tin-plated
Knurled nut	CuZn, nickel-plated
O-ring	FKM

Environmental conditions

Protection class (IEC 60529) *	IP67
Protection class ISO 20653 (DIN 40050-9) *	IP69K
Temperature range (connector)	-25°C to +80°C, notice Derating **

Good chemical resistance.

The resistance has to be checked in individual cases.

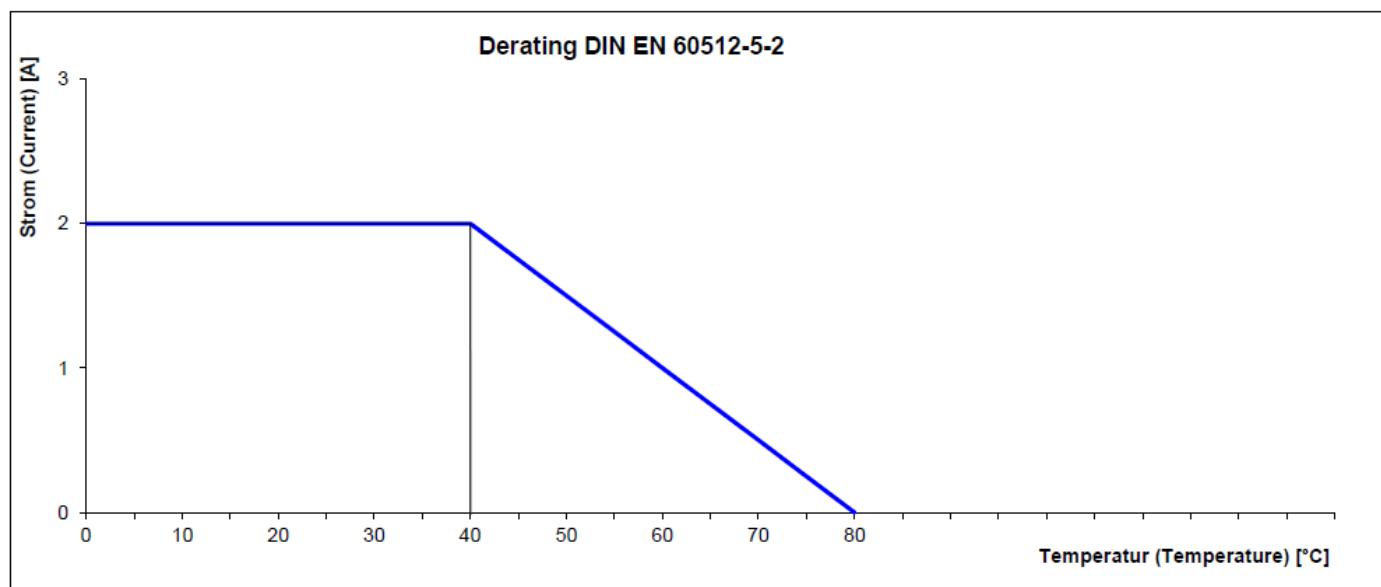
* only if mounted and locked in combination with Hirschmann / Lumberg connector.

** Temperature resistance of the cable considered separately

Cutline

Do not connect or disconnect under load.

Further technical information on control lines see 909299



Standard products

Artikel-No.	Type
000-000-995	RKTS 8-299/70 M
000-000-996	RKTS 8-299/80 M
000-000-997	RKTS 8-299/200 M
000-001-500	RKTS 8-299/12 M
000-004-181	RKTS 8-299/7,5 M
000-005-828	RKTS 8-299/1,5 M
000-007-209	RKTS 8-299/0,6 M
000-015-576	RKTS 8-299/27 M
000-015-577	RKTS 8-299/32 M
000-017-985	RKTS 8-299/0,2 M
000-049-260	RKTS 8-299/10 M
000-049-261	RKTS 8-299/2 M
000-049-262	RKTS 8-299/5 M
000-049-274	RKTS 8-299/20 M
000-049-275	RKTS 8-299/15 M
000-056-809	RKTS 8-299/30 M
000-060-002	RKTS 8-299/3 M
000-060-004	RKTS 8-299/0,25 M
000-060-532	RKTS 8-299/25 M
000-065-830	RKTS 8-299/50 M
000-075-194	RKTS 8-299/4 M
000-075-574	RKTS 8-299/0,3 M
000-083-095	RKTS 8-299/6 M
000-097-891	RKTS 8-299/3,95 M
000-099-502	RKTS 8-299/1,2 M
000-100-273	RKTS 8-299/4,1 M
000-106-107	RKTS 8-299/0,9 M
000-106-219	RKTS 8-299/3,5 M
000-106-337	RKTS 8-299/0,5 M
000-109-741	RKTS 8-299/2,5 M
934-636-184	RKTS 8-299/1 M
934-636-571	RKTS 8-299/100 M
934-636-744	RKTS 8-299/9 M
934-637-561	RKTS 8-299/40 M