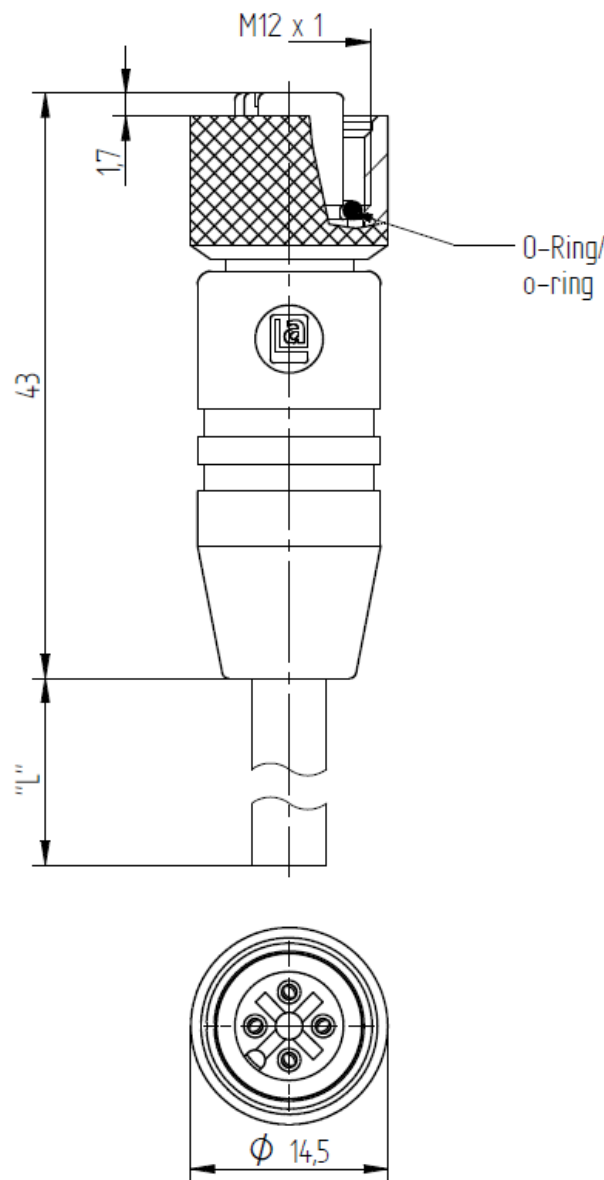




RoHS 



Typ/ type	Standard - Kontaktbelegung/ standard contact assignment		
	Polzahl/ number of poles	Farbkennung/ colour code	
RKTS 4...	4		1 = braun/ brown
			2 = weiß/ white
			3 = blau/ blue
			4 = schwarz/ black
RKTS 5...	5		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	<ul style="list-style-type: none"> <li>- M12 female connector shielded with molded cable</li> <li>- 360° shielding connected to knurled nut</li> <li>- color coding of the conductor acc. to Euro-standard</li> </ul>
Type	RKTS ..., see standard products
Type of contacts	female
Number of contacts	4, 5
Standard	IEC 61076-2-101
Construction type	LF

**Technical data**

Operating voltage	4-pin 240 V 5-pin 60 V
Rated voltage	4-pin 250 V 5-pin 63 V
Rated current *	4 A
Rated impulse voltage	4-pin 2,0 kV 5-pin 1,5 kV
Contact resistance	≤ 5 mOhm
Insulation resistance	> 10 <sup>9</sup> Ohm
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)

\* Notice derating

**Materials**

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

**Environmental conditions**

Protection class (IEC 60529) *	IP67
Temperature range (connector)	-25°C to +80°C, notice derating
Temperature range	only in combination with STL 288, 4-pol. and STL 298, 5-pol. -40°C to +80°C, notice derating only in combination with STL 182, 4-pol and STL 183 5-pol -25°C to +70°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.

**Cutline**

Do not connect / disconnect under load.

"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
000-000-455	RKTS 5-298/60 M
000-000-586	RKTS 4-182/30 M
000-000-711	RKTS 5-183/40 M
000-000-735	RKTS 5-183/20 M
000-001-907	RKTS 4-288/35 M
000-011-410	RKTS 4-182/10 M
000-011-411	RKTS 4-182/2 M
000-011-412	RKTS 4-182/5 M
000-011-416	RKTS 5-183/10 M
000-011-417	RKTS 5-183/2 M
000-011-418	RKTS 5-183/5 M
000-024-553	RKTS 4-182/15 M
000-038-789	RKTS 5-183/15 M
000-049-202	RKTS 4-288/10 M
000-049-203	RKTS 4-288/2 M
000-049-205	RKTS 4-288/5 M
000-049-230	RKTS 5-298/10 M
000-049-231	RKTS 5-298/2 M
000-049-232	RKTS 5-298/5 M
000-049-236	RKTS 5-298/20 M
000-049-314	RKTS 4-288/15 M
000-051-248	RKTS 5-298/15 M
000-060-434	RKTS 4-288/20 M
000-061-632	RKTS 5-298/1 M
000-065-773	RKTS 4-288/30 M
000-065-828	RKTS 4-288/25 M
000-073-448	RKTS 5-183/25 M
000-075-192	RKTS 5-298/4 M
000-075-193	RKTS 5-298/1,5 M
000-075-713	RKTS 5-183/0,5 M
000-079-736	RKTS 5-298/30 M
000-086-910	RKTS 5-298/6 M
000-088-011	RKTS 5-298/25 M
000-092-031	RKTS 4-288/6 M
000-095-747	RKTS 4-288/6,5 M
000-095-748	RKTS 4-288/11,5 M
000-095-749	RKTS 4-288/21,5 M
000-095-750	RKTS 4-288/31,5 M
000-103-195	RKTS 4-288/3 M
000-106-578	RKTS 5-298/0,7 M
934-636-936	RKTS 4-288/1 M
934-637-227	RKTS 4-182/3 M
934-637-551	RKTS 5-298/40 M
934-637-552	RKTS 4-288/40 M