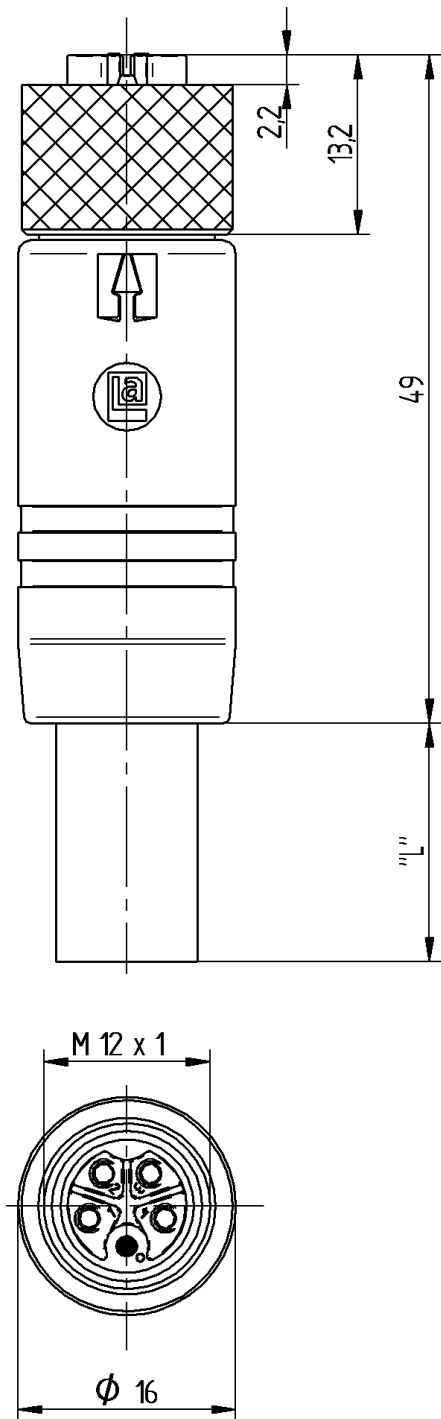
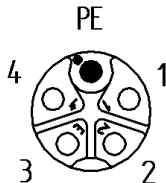
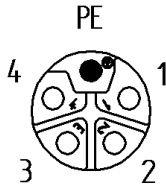
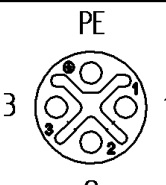
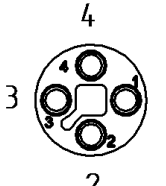


RoHS 



Typ/ type	Standard - Kontaktbelegung/		
	Polzahl/ number of poles	Farbkennung/ colour code	
RKT(S) 5K...	5		1 = schwarz 1/black 1
		2 = schwarz 2/black 2	
		3 = schwarz 3/black 3	
		4 = schwarz 4/black 4	
		PE = grüngelb/green-yellow	
RKT(S) 5L...	5		1 = braun/brown
		2 = weiß/white	
		3 = blau/blue	
		4 = schwarz/black	
		PE = grüngelb/green-yellow	
RKT(S) 4S...	4		1 = schwarz 1/black 1
		2 = schwarz 2/black 2	
		3 = schwarz 3/black 3	
		PE = grüngelb/green-yellow	
RKT(S) 4T...	4		1 = braun/brown
		2 = weiß/white	
		3 = blau/blue	
		4 = schwarz/black	

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

- M12 female shielded / unshielded connector with threaded joint and molded cable
- knurled nut with self-locking threaded joint
- Optional 360° shielding connected to knurled nut

Type	RKT(S) 4 / 5...., see standard products
Order No	see standard products
Type of contacts	female
Number of contacts	5 (4+PE):, K, L - Coding 4 (3+PE):, S - Coding 4:, T - Coding
Standard	IEC 61076-2-111
Construction type	K-, L-, S- or T-coded
Conductor size	1,5 mm ² *
Color contact bearer	K: blue L: grey S: black T: dark-grey

* Cable size: 0,75 mm² and 2,5 mm² on request

Technical data

Clearance / Creepage distance	DIN EN 60664-1 (VDE 0110-1)
Rated voltage	see table, page 1
Operating voltage	600 V ac/dc, K- / S-Coding 50 V ac / 60 V dc, L- / T-Kodierung
Rated current *	16 A; 1,5 mm ² and 2,5 mm ² 10 A; 0,75 mm ²
Rated impulse voltage	see table, page 1
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 10 mΩ
Insulation resistance	> 10 ⁹ Ohm
Mating cycles	max. 100

* Notice derating

Materials

Contact	CuNi
Contact plating	Cu/Au
Contact bearer	PBT GF
over molding	TPE
Coupling nut	CuZn
O-ring	FKM
Surface coupling nut	Cu/Ni
Shielding sleeve	CuZn, plating: Ni

Environmental conditions

Protection class (IEC 60529) *	IP65, IP67, IP69K
Temperature range (connector)	-40 °C to +125 °C, notice derating

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

Flammability class

over molding	UL 94 HB
Contact bearer	UL 94 V-2

Approvals

VDE	DIN EN 61984: in preparation
UL	L-coding: UL 2238, E315587
	K, S, T-Coding: in preparation

Cable-data

Cabletype	see cable-datasheets
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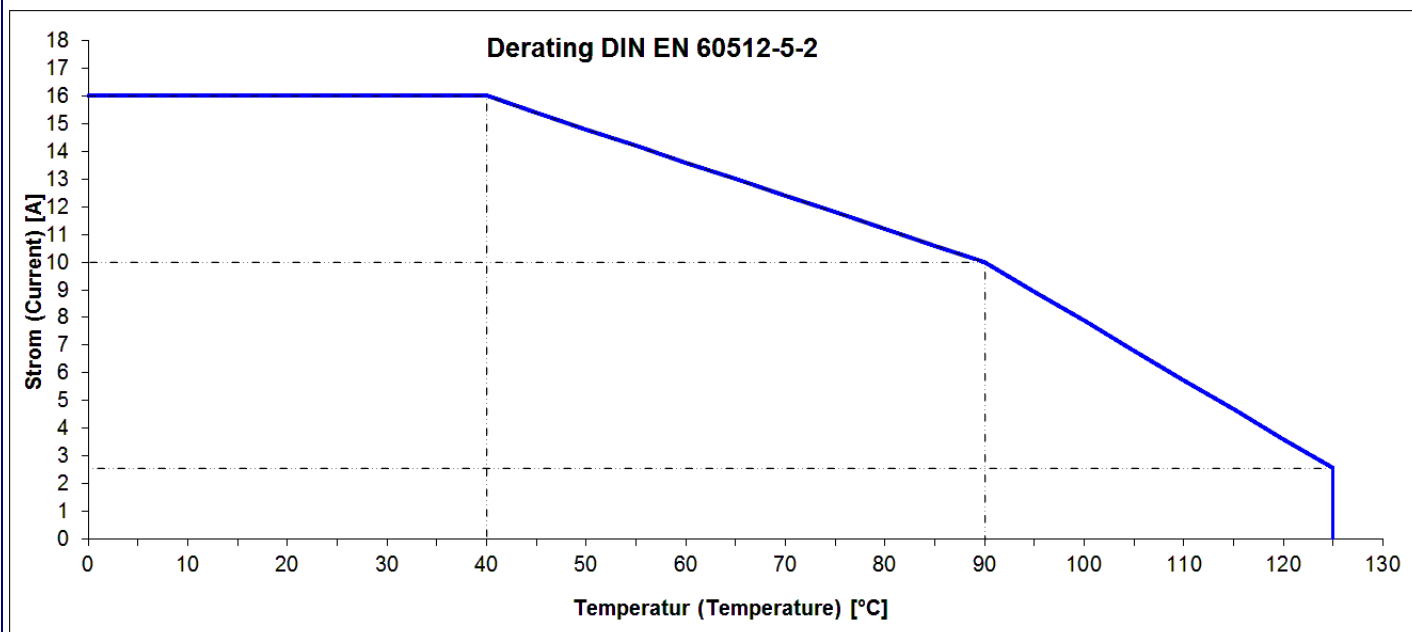
further types on request

Additional technical data**Cutline**

Do not connect / disconnect under load.

"L" = standard length of control line

Further technical information on control lines see STL 700 to STL 740



Standard products

Artikel-No.	Type	Rated voltage	Rated impulse voltage	Cable size
934-849-001	RKT 4S-703/2 M	630 V	6 kV	1,50 mm ²
934-849-002	RKT 4S-703/5,0 M	630 V	6 kV	1,50 mm ²
934-849-003	RKT 4S-703/10,0 M	630 V	6 kV	1,50 mm ²
934-849-004	RKT 4S-703/15,0 M	630 V	6 kV	1,50 mm ²
934-849-005	RKT 4S-733/2,0 M	630 V	6 kV	1,50 mm ²
934-849-006	RKT 4S-733/5,0 M	630 V	6 kV	1,50 mm ²
934-849-007	RKT 4S-733/10,0 M	630 V	6 kV	1,50 mm ²
934-849-008	RKT 4S-733/15,0 M	630 V	6 kV	1,50 mm ²
934-849-009	RKT 4T-723/2,0 M	63 V	1,5 kV	1,50 mm ²
934-849-010	RKT 4T-723/5,0 M	63 V	1,5 kV	1,50 mm ²
934-849-011	RKT 4T-723/10,0 M	63 V	1,5 kV	1,50 mm ²
934-849-012	RKT 4T-723/15,0 M	63 V	1,5 kV	1,50 mm ²
934-849-013	RKT 4T-740/2,0 M	63 V	1,5 kV	1,50 mm ²
934-849-014	RKT 4T-740/5,0 M	63 V	1,5 kV	1,50 mm ²
934-849-015	RKT 4T-740/10,0 M	63 V	1,5 kV	1,50 mm ²
934-849-016	RKT 4T-740/15,0 M	63 V	1,5 kV	1,50 mm ²
934-849-017	RKT 5K-707/2,0 M	630 V	6 kV	1,50 mm ²
934-849-018	RKT 5K-707/5,0 M	630 V	6 kV	1,50 mm ²
934-849-019	RKT 5K-707/10,0 M	630 V	6 kV	1,50 mm ²
934-849-020	RKT 5K-707/15,0 M	630 V	6 kV	1,50 mm ²
934-849-021	RKT 5K-735/2,0 M	630 V	6 kV	1,50 mm ²
934-849-022	RKT 5K-735/5,0 M	630 V	6 kV	1,50 mm ²
934-849-023	RKT 5K-735/10,0 M	630 V	6 kV	1,50 mm ²
934-849-024	RKT 5K-735/15,0 M	630 V	6 kV	1,50 mm ²
934-849-025	RKT 5K-736/2,0 M	630 V	6 kV	0,75 mm ²
934-849-026	RKT 5K-736/5,0 M	630 V	6 kV	0,75 mm ²
934-849-027	RKT 5K-736/10,0 M	630 V	6 kV	0,75 mm ²
934-849-028	RKT 5K-736/15,0 M	630 V	6 kV	0,75 mm ²
934-849-029	RKT 5L-726/2,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-030	RKT 5L-726/5,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-031	RKT 5L-726/10,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-032	RKT 5L-726/15,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-033	RKT 5L-727/20,0 M	1,5 kV	1,5 kV	2,50 mm ²
934-849-034	RKT 5L-727/30,0 M	1,5 kV	1,5 kV	2,50 mm ²
934-849-035	RKT 5L-738/2,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-036	RKT 5L-738/5,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-037	RKT 5L-738/10,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-038	RKT 5L-738/15,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-039	RKTS 4S-700/2,0 M	630 V	6 kV	1,50 mm ²
934-849-040	RKTS 4S-700/5,0 M	630 V	6 kV	1,50 mm ²
934-849-041	RKTS 4S-700/10,0 M	630 V	6 kV	1,50 mm ²
934-849-042	RKTS 4S-700/15,0 M	630 V	6 kV	1,50 mm ²
934-849-043	RKTS 4S-728/2,0 M	630 V	6 kV	1,50 mm ²
934-849-044	RKTS 4S-728/5,0 M	630 V	6 kV	1,50 mm ²
934-849-045	RKTS 4S-728/10,0 M	630 V	6 kV	1,50 mm ²
934-849-046	RKTS 4S-728/15,0 M	630 V	6 kV	1,50 mm ²
934-849-047	RKTS 4T-722/2,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-048	RKTS 4T-722/5,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-049	RKTS 4T-722/10,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-050	RKTS 4T-722/15,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-051	RKTS 4T-739/2,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-052	RKTS 4T-739/5,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-053	RKTS 4T-739/10,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-054	RKTS 4T-739/15,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-055	RKTS 5K-705/2,0 M	630 V	6 kV	1,50 mm ²
934-849-056	RKTS 5K-705/5,0 M	630 V	6 kV	1,50 mm ²
934-849-057	RKTS 5K-705/10,0 M	630 V	6 kV	1,50 mm ²
934-849-058	RKTS 5K-705/15,0 M	630 V	6 kV	1,50 mm ²
934-849-059	RKTS 5K-730/2,0 M	630 V	6 kV	1,50 mm ²
934-849-060	RKTS 5K-730/5,0 M	630 V	6 kV	1,50 mm ²

934-849-061	RKTS 5K-730/10,0 M	630 V	6 kV	1,50 mm ²
934-849-062	RKTS 5K-730/15,0 M	630 V	6 kV	1,50 mm ²
934-849-063	RKTS 5L-724/2,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-064	RKTS 5L-724/5,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-065	RKTS 5L-724/10,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-066	RKTS 5L-724/15,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-067	RKTS 5L-725/20,0 M	1,5 kV	1,5 kV	2,50 mm ²
934-849-068	RKTS 5L-725/30,0 M	1,5 kV	1,5 kV	2,50 mm ²
934-849-069	RKTS 5L-737/2,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-070	RKTS 5L-737/5,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-071	RKTS 5L-737/10,0 M	1,5 kV	1,5 kV	1,50 mm ²
934-849-072	RKTS 5L-737/15,0 M	1,5 kV	1,5 kV	1,50 mm ²