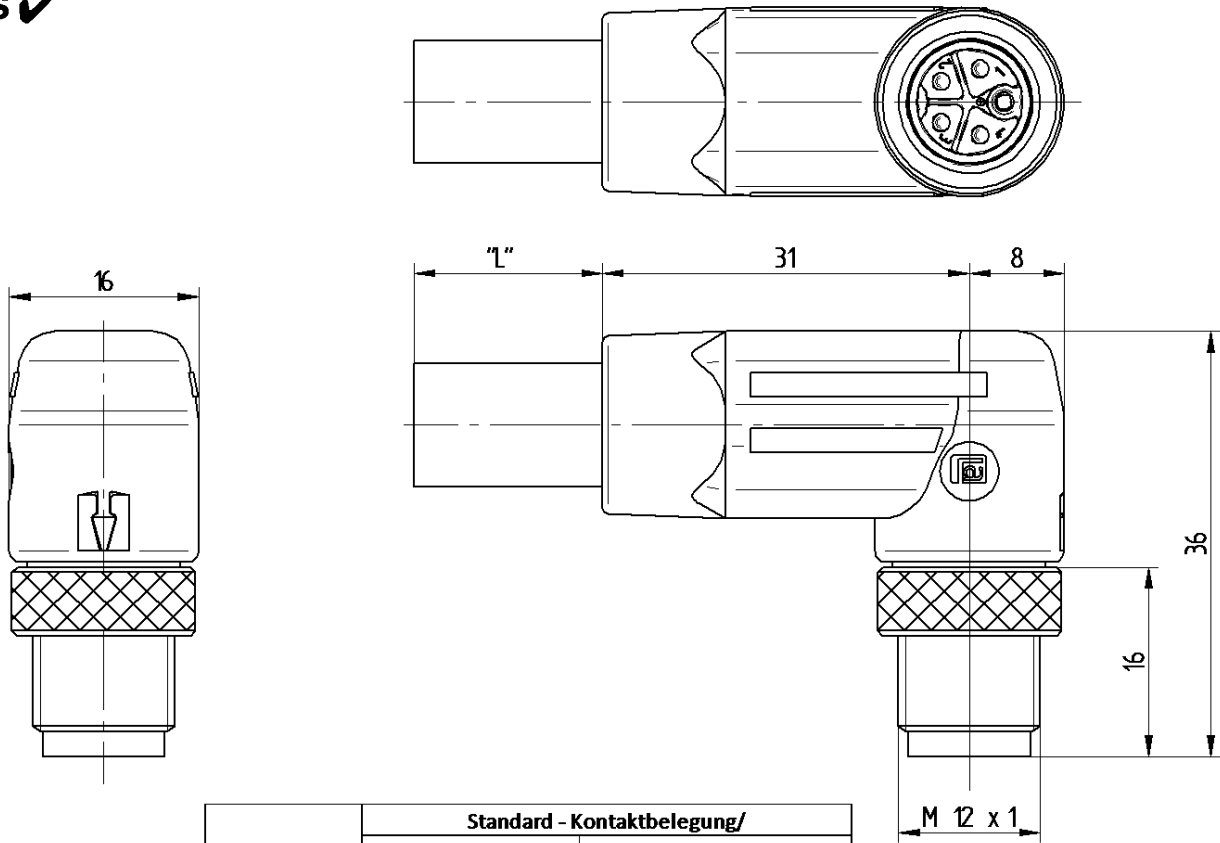
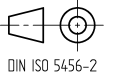


RoHS ✓



Typ/ type	Standard - Kontaktbelegung/	
	Polzahl/ number of poles	Farbkennung/ colour code
RSWT(S) 5K...	5	PE
		1 = schwarz 1/black 1
		2 = schwarz 2/black 2
		3 = schwarz 3/black 3
		4 = schwarz 4/black 4
RSWT(S) 5L...	5	FE
		1 = braun/brown
		2 = weiß/white
		3 = blau/blue
		4 = schwarz/black
RSWT(S) 4S...	4	PE
		1 = schwarz 1/black 1
		2 = schwarz 2/black 2
		3 = schwarz 3/black 3
		PE = grün/gelb/green-yellow
RSWT(S) 4T...	4	FE
		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 male shielded / unshielded connector with threaded joint and molded cable
- knurled screw with self-locking threaded joint
- Optional 360° shielding connected to knurled screw

Type	RSWT(S) 5...., see standard products
Order No	see standard products
Type of contacts	male
Number of contacts	5 (4+PE):, K - Coding 5 (4+FE):, 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 (2008/01); 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 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, blue or black
Coupling nut	CuZn
O-ring	FKM
Surface coupling nut	Cu/Ni
Shielding sleeve	CuZn, plating: Ni

Environmental conditions

Protection class (IEC 60529) *	IP65, IP67
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	UL 2238, E315587, unshielded shielded: in preparation

Cable-data

Cabletype	see cable-datasheets
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further types on request

Additional technical data

Fastening torque (coupling screw)	M 12x1: (50-60) Ncm, hand-tight
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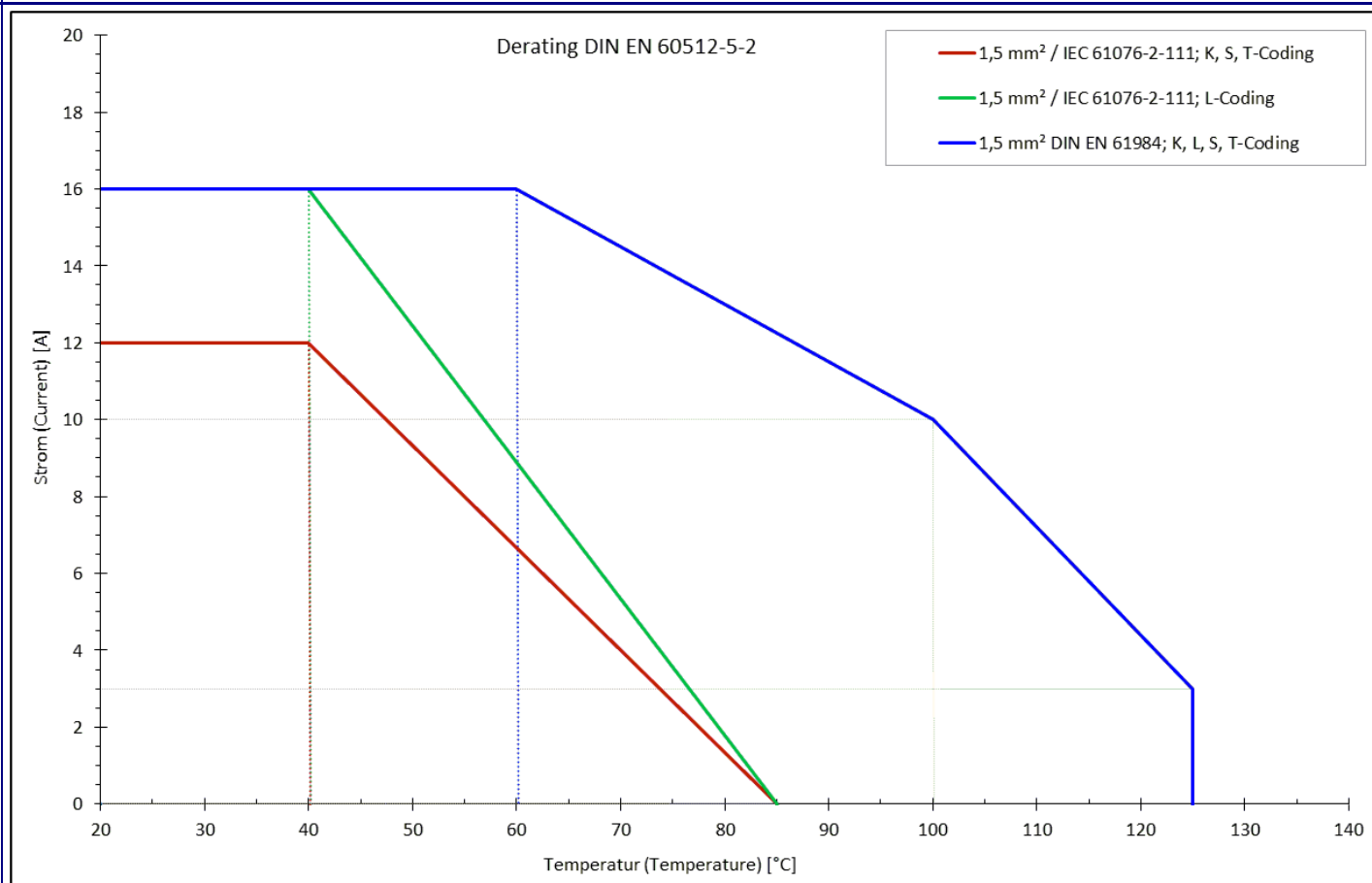
Cutline

Do not connect / disconnect under load.

Caution hot!

Under power the surface of the connector can reach a temperature of more then 56 °C (144 °F).

The specified electrical and mechanical characteristics require a properly locked connector.
When the connetor is unlocked and in risk of pollution the connector has to be covered with
a protective cap ≥ IP54.



Standard products

Artikel-No.	Type	Rated voltage	Rated impulse voltage	Cable size
934-852-001	RSWT 4S-703/2 M	630 V	6 kV	1,50 mm ²
934-852-002	RSWT 4S-703/5 M	630 V	6 kV	1,50 mm ²
934-852-003	RSWT 4S-703/10 M	630 V	6 kV	1,50 mm ²
934-852-004	RSWT 4S-703/15 M	630 V	6 kV	1,50 mm ²
934-852-005	RSWT 4S-733/2 M	630 V	6 kV	1,50 mm ²
934-852-006	RSWT 4S-733/5 M	630 V	6 kV	1,50 mm ²
934-852-007	RSWT 4S-733/10 M	630 V	6 kV	1,50 mm ²
934-852-008	RSWT 4S-733/15 M	630 V	6 kV	1,50 mm ²
934-852-009	RSWT 4T-723/2 M	63 V	1,5 kV	1,50 mm ²
934-852-010	RSWT 4T-723/5 M	63 V	1,5 kV	1,50 mm ²
934-852-011	RSWT 4T-723/10 M	63 V	1,5 kV	1,50 mm ²
934-852-012	RSWT 4T-723/15 M	63 V	1,5 kV	1,50 mm ²
934-852-017	RSWT 5K-911/2 M	630 V	6 kV	1,50 mm ²
934-852-018	RSWT 5K-911/5 M	630 V	6 kV	1,50 mm ²
934-852-019	RSWT 5K-911/10 M	630 V	6 kV	1,50 mm ²
934-852-020	RSWT 5K-911/15 M	630 V	6 kV	1,50 mm ²
934-852-021	RSWT 5K-735/2 M	630 V	6 kV	1,50 mm ²
934-852-022	RSWT 5K-735/5 M	630 V	6 kV	1,50 mm ²
934-852-023	RSWT 5K-735/10 M	630 V	6 kV	1,50 mm ²
934-852-024	RSWT 5K-735/15 M	630 V	6 kV	1,50 mm ²
934-852-025	RSWT 5K-736/2 M	630 V	6 kV	0,75 mm ²
934-852-026	RSWT 5K-736/5 M	630 V	6 kV	0,75 mm ²
934-852-027	RSWT 5K-736/10 M	630 V	6 kV	0,75 mm ²
934-852-028	RSWT 5K-736/15 M	630 V	6 kV	0,75 mm ²
934-852-039	RSWTS 4S-700/2 M	630 V	6 kV	1,50 mm ²
934-852-040	RSWTS 4S-700/5 M	630 V	6 kV	1,50 mm ²
934-852-041	RSWTS 4S-700/10 M	630 V	6 kV	1,50 mm ²
934-852-042	RSWTS 4S-700/15 M	630 V	6 kV	1,50 mm ²
934-852-043	RSWTS 4S-915/2 M	630 V	6 kV	1,50 mm ²
934-852-044	RSWTS 4S-915/5 M	630 V	6 kV	1,50 mm ²
934-852-045	RSWTS 4S-915/10 M	630 V	6 kV	1,50 mm ²
934-852-046	RSWTS 4S-915/15 M	630 V	6 kV	1,50 mm ²
934-852-047	RSWTS 4T-722/2 M	63 V	1,5 kV	1,50 mm ²
934-852-048	RSWTS 4T-722/5 M	63 V	1,5 kV	1,50 mm ²
934-852-049	RSWTS 4T-722/10 M	63 V	1,5 kV	1,50 mm ²
934-852-050	RSWTS 4T-722/15 M	63 V	1,5 kV	1,50 mm ²
934-852-055	RSWTS 5K-910/2 M	630 V	6 kV	1,50 mm ²
934-852-056	RSWTS 5K-910/5 M	630 V	6 kV	1,50 mm ²
934-852-057	RSWTS 5K-910/10 M	630 V	6 kV	1,50 mm ²
934-852-058	RSWTS 5K-910/15 M	630 V	6 kV	1,50 mm ²
934-852-059	RSWTS 5K-916/2 M	630 V	6 kV	1,50 mm ²
934-852-060	RSWTS 5K-916/5 M	630 V	6 kV	1,50 mm ²
934-852-061	RSWTS 5K-916/10 M	630 V	6 kV	1,50 mm ²
934-852-062	RSWTS 5K-916/15 M	630 V	6 kV	1,50 mm ²
934-852-075	RSWT 5L-949/2 M	63 V	1,5 kV	1,50 mm ²
934-852-076	RSWT 5L-949/5 M	63 V	1,5 kV	1,50 mm ²
934-852-077	RSWT 5L-949/10 M	63 V	1,5 kV	1,50 mm ²
934-852-078	RSWT 5L-949/15 M	63 V	1,5 kV	1,50 mm ²
934-852-301	RSWT 4S-703/2 M SW	630 V	6 kV	1,50 mm ²
934-852-302	RSWT 4S-703/5 M SW	630 V	6 kV	1,50 mm ²
934-852-303	RSWT 4S-703/10 M SW	630 V	6 kV	1,50 mm ²
934-852-304	RSWT 4S-703/15 M SW	630 V	6 kV	1,50 mm ²
934-852-305	RSWT 4S-733/2 M SW	630 V	6 kV	1,50 mm ²
934-852-306	RSWT 4S-733/5 M SW	630 V	6 kV	1,50 mm ²
934-852-307	RSWT 4S-733/10 M SW	630 V	6 kV	1,50 mm ²
934-852-308	RSWT 4S-733/15 M SW	630 V	6 kV	1,50 mm ²
934-852-309	RSWT 4T-723/2 M SW	63 V	1,5 kV	1,50 mm ²
934-852-310	RSWT 4T-723/5 M SW	63 V	1,5 kV	1,50 mm ²
934-852-311	RSWT 4T-723/10 M SW	63 V	1,5 kV	1,50 mm ²
934-852-312	RSWT 4T-723/15 M SW	63 V	1,5 kV	1,50 mm ²

934-852-317	RSWT 5K-911/2 M SW	630 V	6 kV	1,50 mm ²
934-852-318	RSWT 5K-911/5 M SW	630 V	6 kV	1,50 mm ²
934-852-319	RSWT 5K-911/10 M SW	630 V	6 kV	1,50 mm ²
934-852-320	RSWT 5K-911/15 M SW	630 V	6 kV	1,50 mm ²
934-852-321	RSWT 5K-735/2 M SW	630 V	6 kV	1,50 mm ²
934-852-322	RSWT 5K-735/5 M SW	630 V	6 kV	1,50 mm ²
934-852-323	RSWT 5K-735/10 M SW	630 V	6 kV	1,50 mm ²
934-852-324	RSWT 5K-735/15 M SW	630 V	6 kV	1,50 mm ²
934-852-325	RSWT 5K-736/2 M SW	630 V	6 kV	0,75 mm ²
934-852-326	RSWT 5K-736/5 M SW	630 V	6 kV	0,75 mm ²
934-852-327	RSWT 5K-736/10 M SW	630 V	6 kV	0,75 mm ²
934-852-328	RSWT 5K-736/15 M SW	630 V	6 kV	0,75 mm ²
934-852-339	RSWTS 4S-700/2 M SW	630 V	6 kV	1,50 mm ²
934-852-340	RSWTS 4S-700/5 M SW	630 V	6 kV	1,50 mm ²
934-852-341	RSWTS 4S-700/10 M SW	630 V	6 kV	1,50 mm ²
934-852-342	RSWTS 4S-700/15 M SW	630 V	6 kV	1,50 mm ²
934-852-343	RSWTS 4S-915/2 M SW	630 V	6 kV	1,50 mm ²
934-852-344	RSWTS 4S-915/5 M SW	630 V	6 kV	1,50 mm ²
934-852-345	RSWTS 4S-915/10 M SW	630 V	6 kV	1,50 mm ²
934-852-346	RSWTS 4S-915/15 M SW	630 V	6 kV	1,50 mm ²
934-852-347	RSWTS 4T-722/2 M SW	63 V	1,5 kV	1,50 mm ²
934-852-348	RSWTS 4T-722/5 M SW	63 V	1,5 kV	1,50 mm ²
934-852-349	RSWTS 4T-722/10 M SW	63 V	1,5 kV	1,50 mm ²
934-852-350	RSWTS 4T-722/15 M SW	63 V	1,5 kV	1,50 mm ²
934-852-355	RSWTS 5K-910/2 M SW	630 V	6 kV	1,50 mm ²
934-852-356	RSWTS 5K-910/5 M SW	630 V	6 kV	1,50 mm ²
934-852-357	RSWTS 5K-910/10 M SW	630 V	6 kV	1,50 mm ²
934-852-358	RSWTS 5K-910/15 M SW	630 V	6 kV	1,50 mm ²
934-852-359	RSWTS 5K-916/2 M SW	630 V	6 kV	1,50 mm ²
934-852-360	RSWTS 5K-916/5 M SW	630 V	6 kV	1,50 mm ²
934-852-361	RSWTS 5K-916/10 M SW	630 V	6 kV	1,50 mm ²
934-852-362	RSWTS 5K-916/15 M SW	630 V	6 kV	1,50 mm ²