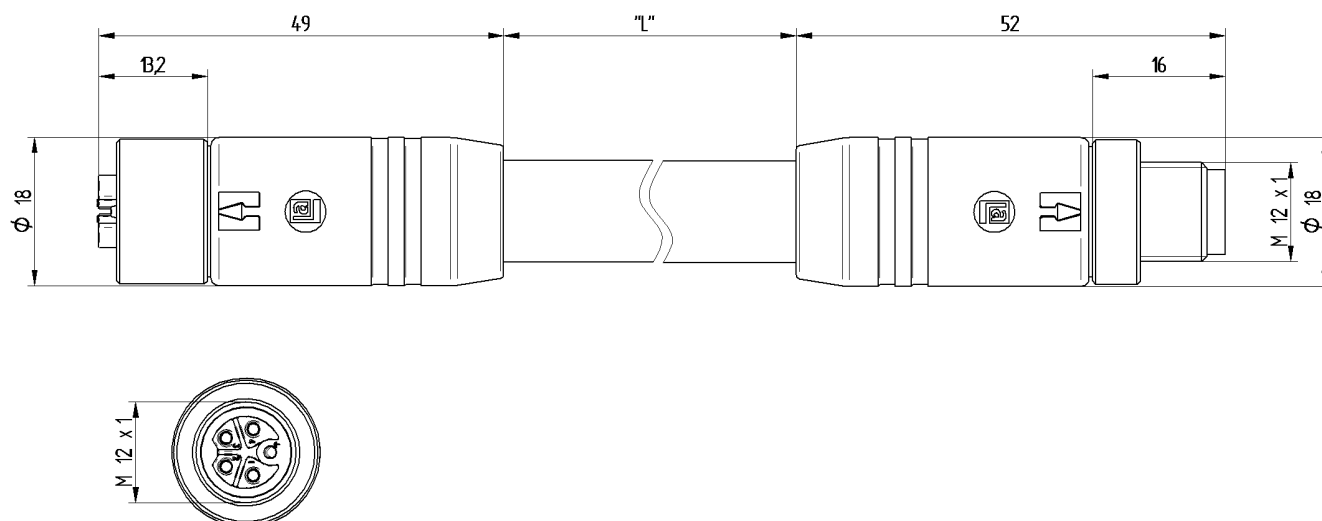
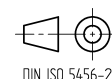


**RoHS** ✓



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-Power cordset, double ended
- knurled nut with self-locking threaded joint
- Optional 360° shielding connected to knurled nut

Type	RST(S) ... - RKT(S) ...-.../... M, see standard products
Order No	see standard products
Type of contacts	male - female
Number of contacts	5 (4+PE);, K - Coding 5 (4+FE);, L - Coding
Standard	IEC 61076-2-111
Construction type	K-, L-coded
Conductor size	2,5 mm <sup>2</sup>
Color contact bearer	K: blue L: grey

Further information see datasheets:

RKT(S)-... , M12 female connector straight  
datasheet number: 934-849-998

RST(S)-... , M12 male connector straight  
datasheet number: 934-851-998

## Technical data

Clearance / Creepage distance	DIN EN 60664-1 (2008/01); VDE 0110-1
Rated voltage	see table, page 4
Operating voltage	600 V ac/dc, K-Coding 60 V ac/dc, L-Kodierung
Rated current *	16 A; 2,5 mm <sup>2</sup>
Rated impulse voltage	see table, page 4
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 10 mΩ
Insulation resistance	> 10 <sup>9</sup> 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, IP69
Protection class ISO 20653 (DIN 40050-9) *	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	UL 2238 in preparation
CSA	in preparation

**Additional technical data**

Fastening torque (coupling nut)	M 12x1: (60-65) Ncm
Fastening torque (coupling screw)	M 12x1: (60-65) Ncm

**Cutline**

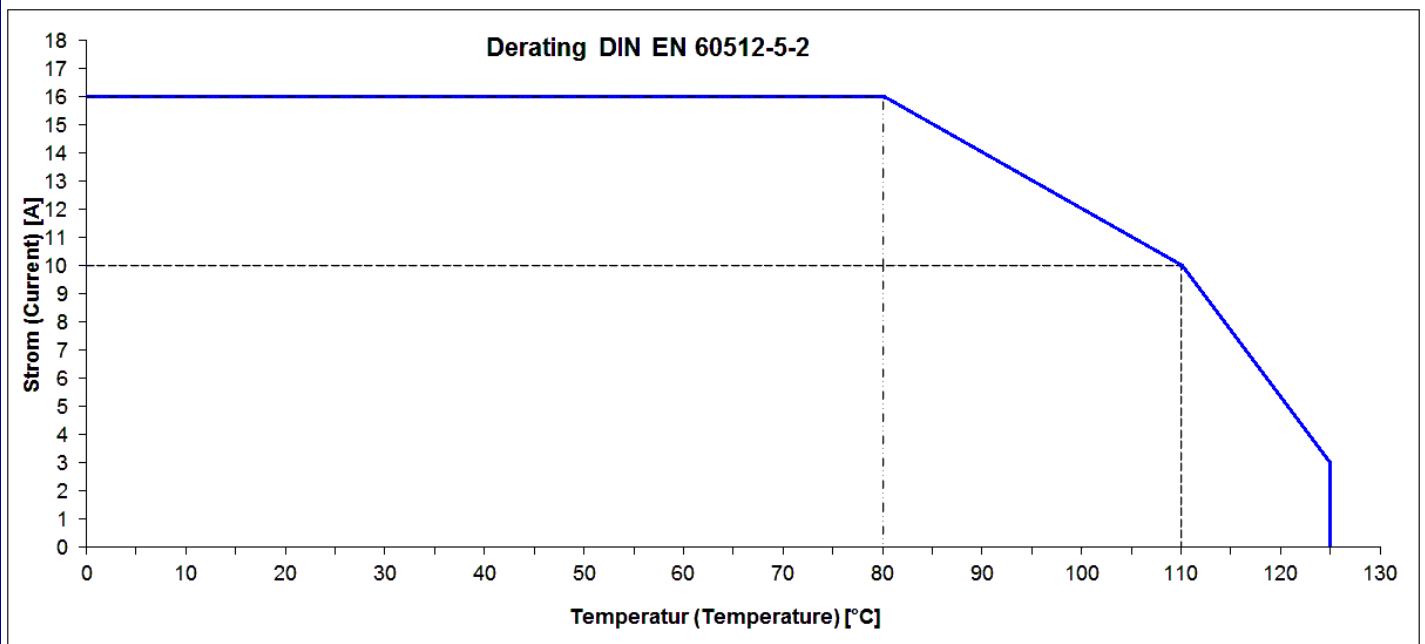
Do not connect / disconnect under load.

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  $\geq$  IP54.

"L" = standard length of control line



**Standard products**

Artikel-No.	Type	Rated voltage	Rated impulse voltage	Cable size
000-016-249	RSTS 5K-RKTS 5K-921/2	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-016-251	RSTS 5K-RKTS 5K-921/2,	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-016-822	RSTS 5K-RKTS 5K-921/1	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-017-146	RSTS 5K-RKTS 5K-921/3	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-017-148	RSTS 5K-RKTS 5K-921/6,	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-017-312	RSTS 5K-RKTS 5K-921/5	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-019-176	RSTS 5K-RKTS 5K-921/1	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-019-178	RSTS 5K-RKTS 5K-921/1	630 V	6,0 kV	2,50 mm <sup>2</sup>
000-019-180	RSTS 5K-RKTS 5K-921/2	630 V	6,0 kV	2,50 mm <sup>2</sup>
934-853-155	RSTS 5K-RKTS 5K-921/0,	630 V	6,0 kV	2,50 mm <sup>2</sup>
934-853-156	RSTS 5K-RKTS 5K-921/3,	630 V	6,0 kV	2,50 mm <sup>2</sup>
934-853-157	RSTS 5K-RKTS 5K-921/7,	630 V	6,0 kV	2,50 mm <sup>2</sup>
934-853-158	RSTS 5K-RKTS 5K-921/1	630 V	6,0 kV	2,50 mm <sup>2</sup>