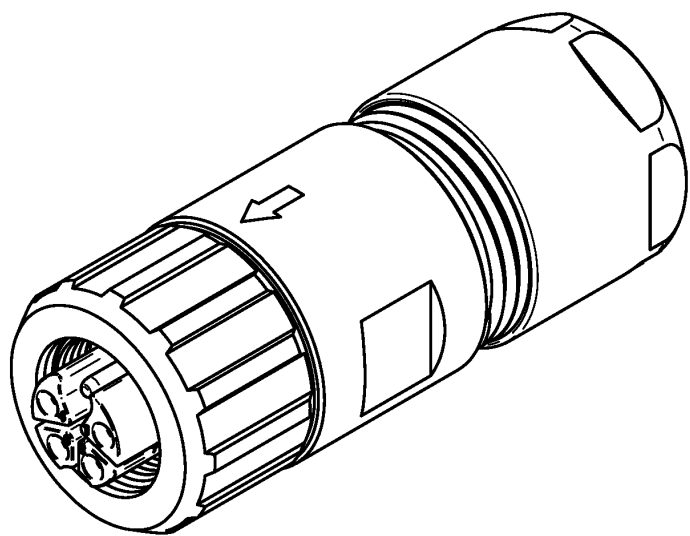
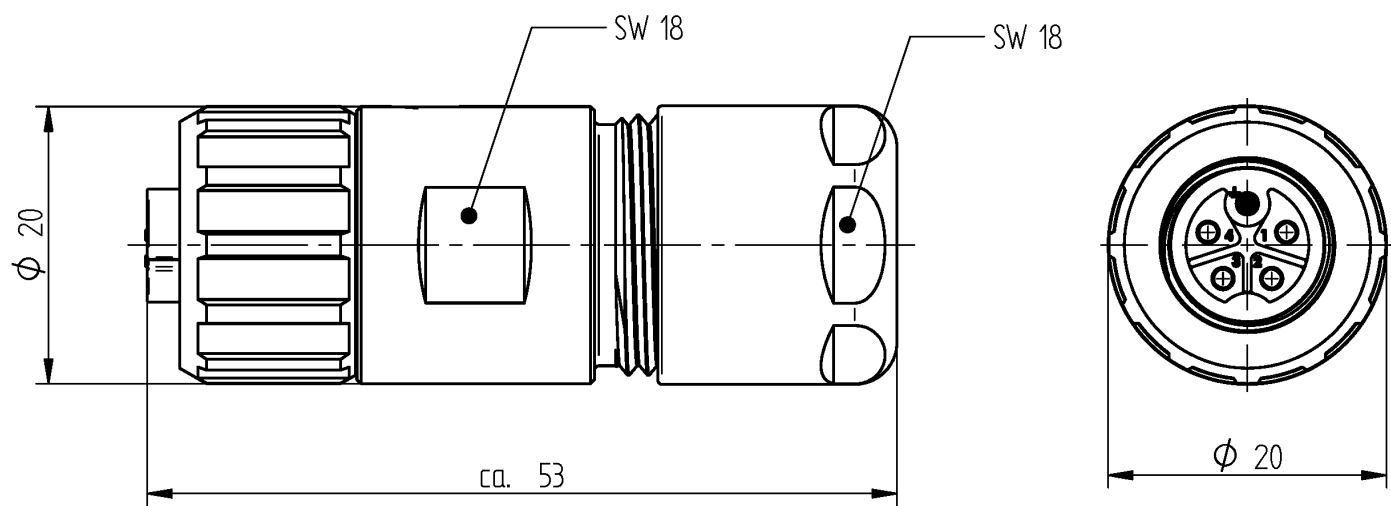
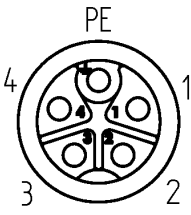


RoHS ✓



Typ/ type	Standard - Kontaktbelegung/ standard contact	
	Polzahl/ number of poles	
RKCCS 5K...	5	

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 connector with threaded joint, field attachable
- knurled nut with self-locking threaded joint
- 360° shielding connected to knurled nut

Type	RKCCS 5../11..., see standard products
Order No	see standard products
Type of contacts	female
Number of contacts	5 (4+PE):
Cable gland	PG 11
Strain-relief	clamping cage
Standard	IEC 61076-2-111
Construction type	K-coded
Conductor size	1,5 mm ² ; 2,5 mm ² , see standard products
Color contact bearer	K: blue

* 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	630 V
Operating voltage	600 V ac/dc
Rated current *	16 A; (1,5 mm ²)
Rated impulse voltage	6,0 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 10 mΩ
Type of connection	crimp
Insulation resistance	> 10 ⁹ Ohm
Mating cycles	max. 100
Suitable cables	3 gaskets enclosed Ø3 - Ø6 mm, Ø5 - Ø9 mm, Ø8 - Ø11 mm
Wire isolation of the suitable cable	max. Ø2,9 mm

* Notice derating

Materials

Contact	CuNi
Contact plating	Cu/Au
Contact bearer	PBT GF
Clamp cage	PBT GF
Housing	CuZn, plating: Ni
Coupling nut	CuZn, plating: Ni
Cable gland screw	CuZn, plating: Ni
Cable-gland gasket	NBR
O-ring	FKM

Environmental conditions

Protection class (IEC 60529) *	IP65, IP67
Protection class ISO 20653 (DIN 40050-9) *	IP69K
Temperature range (connector)	-40 °C to +90 °C, notice derating

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

Flammability class

Contact bearer	UL 94 V-2
strain relief clamp	UL 94 V-2

Approvals

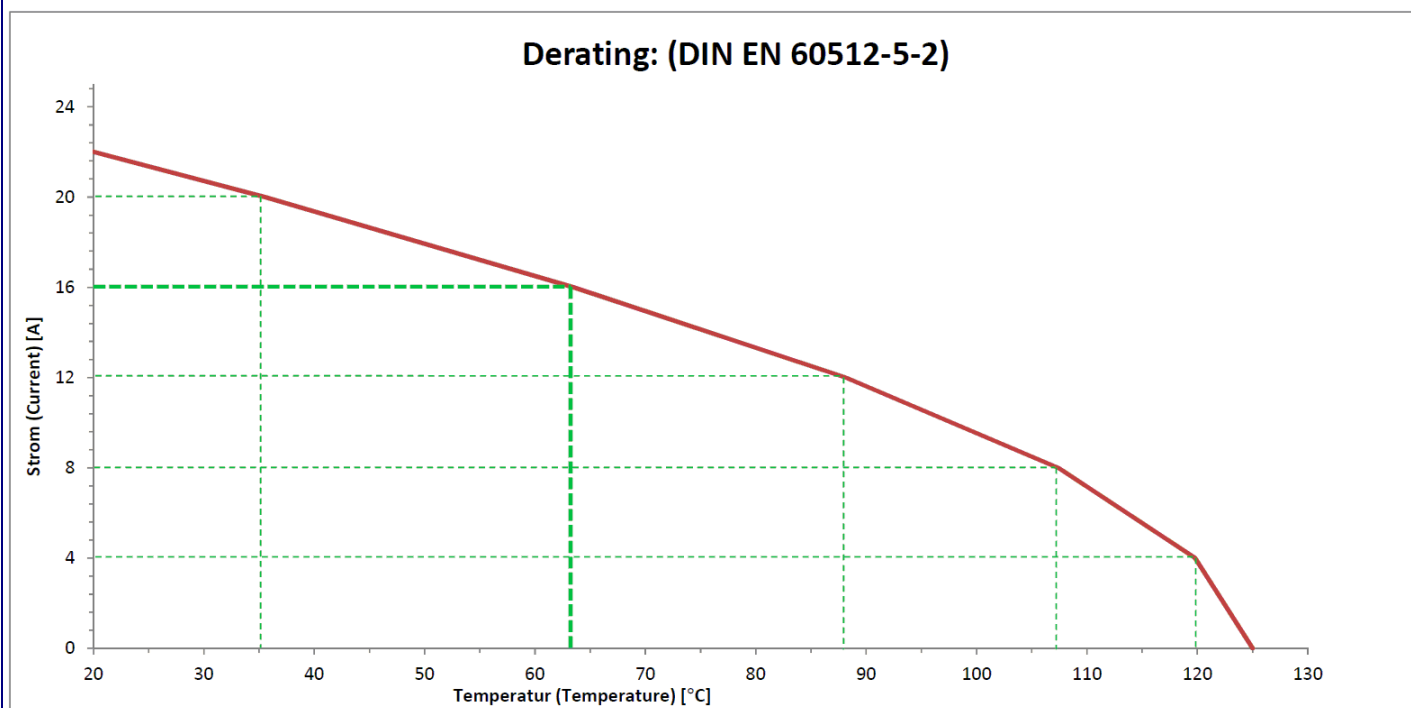
VDE	DIN EN 61984: in preparation
UL	UL: in preparation

Additional technical data

Fastening torque (coupling nut)	M 12x1: (60-65) Ncm
Fastening torque (cable gland)	250-375 Ncm

Cutline

Do not connect / disconnect under load.



Standard products

Artikel-No.	Type	Conductor size
934-935-002	RKCCS 5K/11 1,5	1,5 mm ²
934-935-003	RKCCS 5K/11 2,5	2,5 mm ²