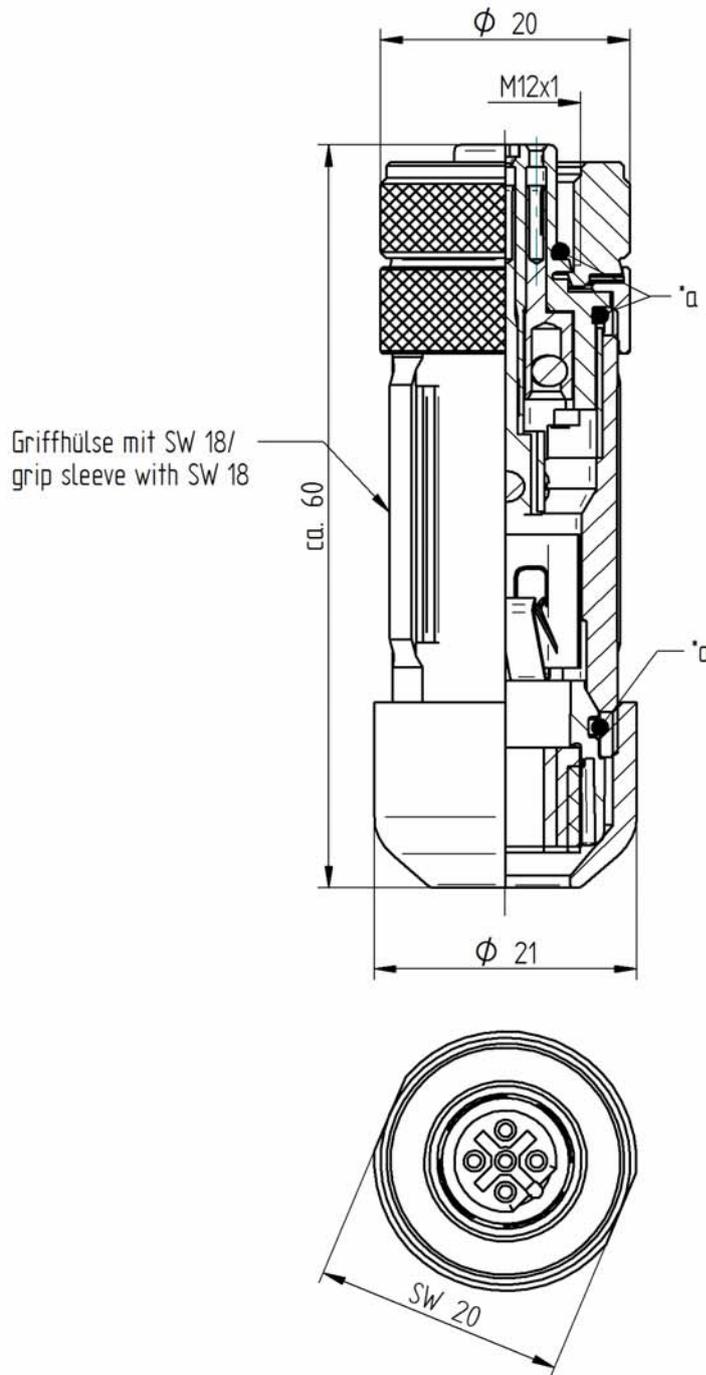


RoHS ✓



Typ/ type	Kontaktbelegung/ contact assignment	
	Polzahl/ number of poles	Kabelverschraubung/ Screwjoint for cable
0976 PFC 101 5		Ø4,0-6,2 mm und / and 8,0-9,0 mm

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	M12 female connector with threaded joint, field attachable and shielded
Type	0976 PFC 101, see standard products
Order No	see standard products
Type of contacts	female, screw terminal
Number of contacts	5
Cable gland	PG 9
Conductor size	0,14 (with wire end ferrule) - 0,5 mm ²
Standard	IEC 61076-2-101
Construction type	JF, B-coded

Technical data

Rated voltage	60 V
Rated current *	4 A
Rated impulse voltage	1,5 kV
Pollution degree	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Contact resistance	≤ 5 mOhm
Insulation resistance	> 10 ⁹ Ohm
Type of connection	screw terminal

* Notice derating

Materials

Contact bearer	PBT, black
Housing	GD - ZnAl
Surface housing	Cu, Ni
Contact	CuZn
Contact plating	Cu/SnZn, pre copper-plated
Cable gland screw	CuZn, nickel-plated
Knurled nut	CuZn, nickel-plated
Coupling nut	CuZn, nickel-plated
Shield contacting spring	CuBe, tinned
O-ring	FKM
Insulating sleeve	PA
Clamp cage	PBT

Environmental conditions

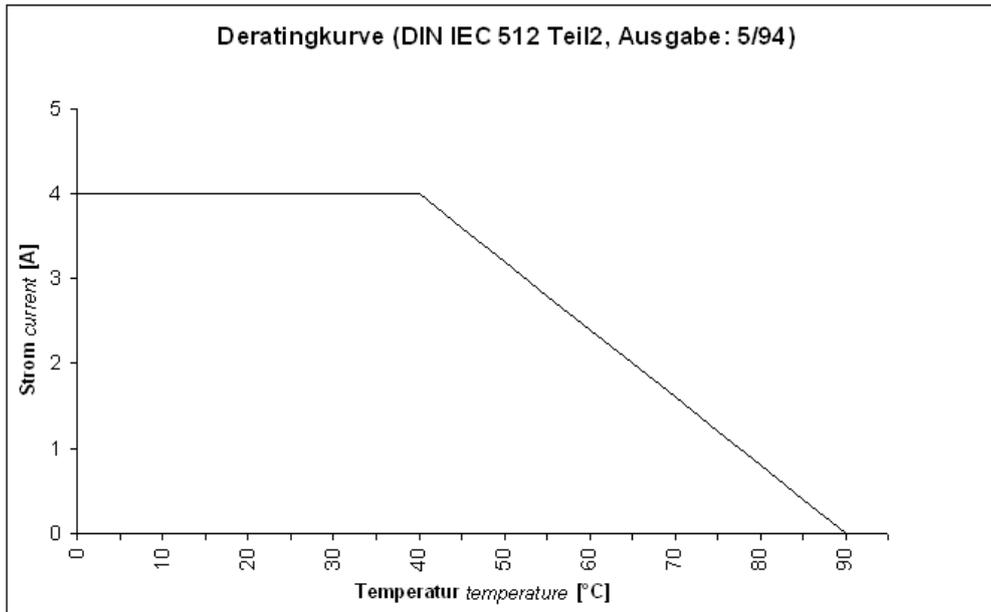
Protection class (IEC 60529) *	IP67
Temperature range (connector)	-25°C to +90°C, notice Derating

Good chemical resistance.
The resistance has to be checked in individual cases.

* only if mounted and locked in combination with Hirschmann / Lumberg connector.
on the installation side tightness has to be assured by taking proper measures

Cutline

Do not connect / disconnect under load.
* a o-ring



Standard products

Artikel-No.	Type
000-066-247	0976 PFC 101
000-098-446	0976 PFC 101 P3
000-104-302	0976 PFC 101 P1 6021353