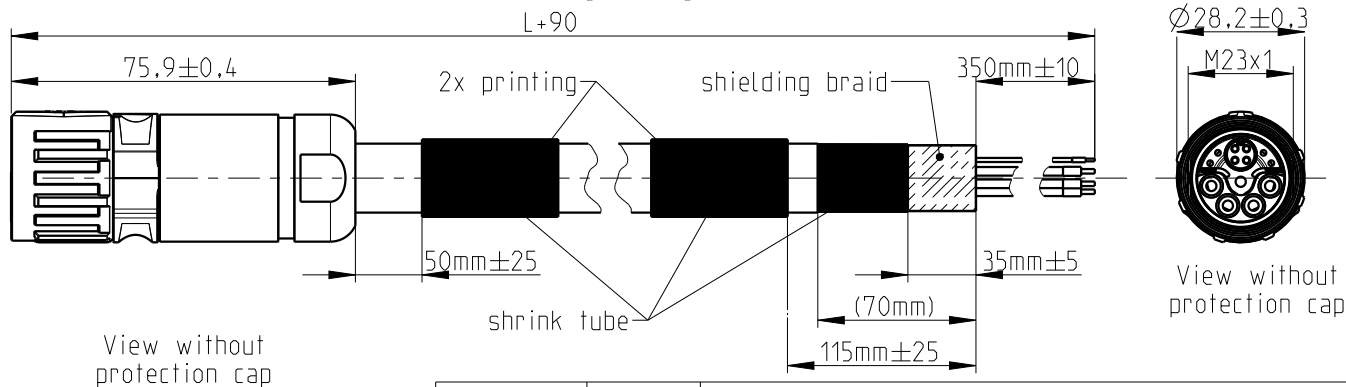


Mechanical data		Material (information cable + plug)	
no. of poles	13 (4+4+4+PE)	housing / surface	GD-Zn / CuZn Ni
contact termination	crimp	contact carrier	PA66 / UL 94 V0
contact-Ø	1mm / 2mm	wire	PUR orange / LiFTPEC11Y Servo Version
temperature range	-40 °C / +80 °C	cross section	4G4+2X1,0
protection class	IP67 / IP6k9k, mated	cable temperature range	moved: -30 °C / +80 °C
mating cycles	100		static: -40 °C / +80 °C
locking system	M23 SpeedCon	contacts / surface	CuZn / Au
		sealing gasket	FKM

From an ambient temperature of + 30 °C, a current derating according to DIN VDE 0298 part 4, 2013-06, Table 17 must be carried out

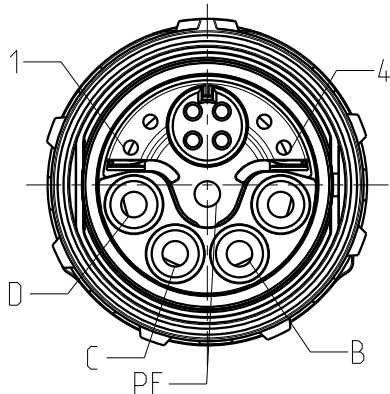


default upon delivery
included protection cap

order-no.	L (m)	printing
1320251	1.3	Art.-Nr. 1320251 1.30m PUR 4x4 + 2x1,0 KW / JJ
1627074	5.0	Art.-Nr. 1161941 10.00m PUR 4x4 + 2x1,0 00T6L10-1010 KW / JJ
1161941	10.0	Art.-Nr. 1161941 10.00m PUR 4x4 + 2x1,0 00T6L10-1010 KW / JJ
1028619	30.0	Art.-Nr. 1028619 30.00m PUR 4x4 + 2x1,0 KW / JJ

View of pin assignment / Plug-in side

Pin layout



pin	colour
1	white
2	-
3	-
4	brown
A	-
B	L1
C	L2
D	L3
PE	green/yellow
S4	n.c.

The specified electrical and mechanical data assume that the connector pair is correctly locked. If the connector is unlocked and exposed to ambient conditions and if there is a danger of contamination, the connector must be sealed using a protective cap >IP54. Influences from wires, cables or assembly on the 2nd side are also to be taken into consideration.

Electrical Data			
Rated current at max. cross section	2mm Contact max. 33A at cross section 4,0mm ² 1mm Contact max. 8A at cross section 1,5mm ² Tu = 25 °C	Surge voltage category	III according to EN 60664-1:2008
		Installation height	up to 3000m
Rated voltage	630V / 50V acc. to EN 60664-1:2008	Contact resistance	<3mΩ
Rated surge voltage	6000V / 1500V acc. to EN 60664-1:2008	Degree of pollution	3 acc. to EN 61984:2009

			technical changes reserved		Index 9 / 2021-05-18		scale: 3:10		
	date	name	M23 Hybrid Cable connector / straight					page: 1 of: 1	
design	2015-07-07	Bengel							
chk.	2017-01-18	Brode							
			drawing-no.:	SHK-0478_XX-XX		doc.-no.:	00910148		
			order-no.:	see chart					
			article designation:	-					

