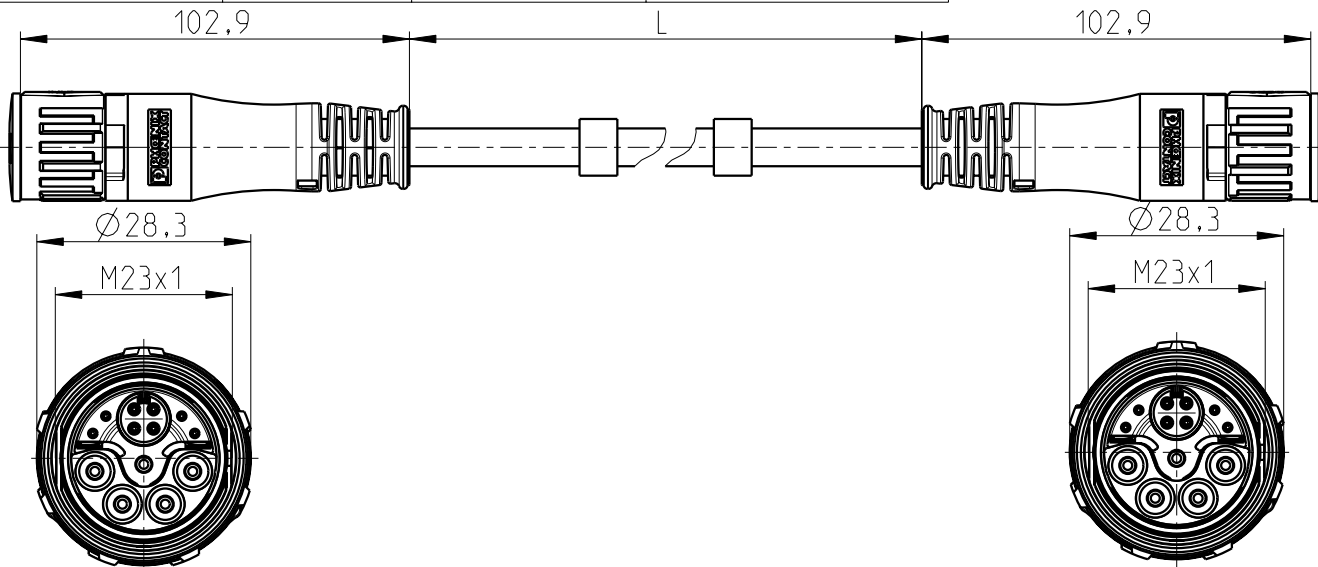


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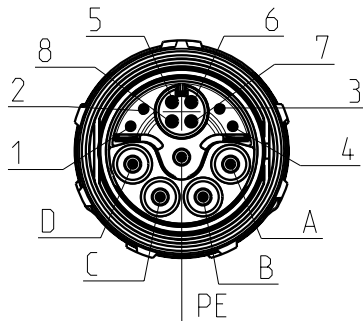
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Mechanical data		Material	
no. of poles	13 (8+4+PE)	housing / surface	GD-Zn / CuZn Ni
contact termination	crimp / pin	contact carrier	PA / UL 94 V0
contact-Ø	8x1mm / 5x2mm	colour	rust-red
temperature range	-40 °C / +125 °C	cable	PUR
protection class	IP 67, verriegelt	cross section	5G2,50+(1x4x0,50)+(1x4x0,50)
mating cycles	100	contacts / surface	CuZn, Au
locking system	M23 SpeedCon	sealing gasket	FKM



The specified electrical and mechanical data require a correctly locked pair of connectors.
If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap >IP54.

View of pin assignment
Plug-in side



Pin layout

Pos.	colour
A	black 1
B	black 2
C	black 3
D	black 4
PE	yellow-green
1	red
2	grey
3	blue
4	pink
5	green
6	yellow
7	white
8	brown
housing	shield

order no.	l (m)
1624307	2,0
1028582	5,0
1627236	10,0

Electrical Data						
Rated current at max. cross section		2mm Contact max. 30A at cross section 4.0mm ² 1mm Contact max. 8A at cross section 1.0mm ² Tamb = 25 °C	Surge voltage category	III according to EN 60664-1:2008		
			Installation height	up to 3000m		
Rated voltage		850/630V / 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		
general tolerance acc. to DIN ISO 2768-c		technical changes reserved		Index 2 / 2017-06-19		
				scale: 1:5		
	date	name		Series KSH Cable connector / Hybrid / speedcon		
design	2015-09-15	cobv01				
chk.						
		drawing-no.:	KSH22PP8810AXXX		doc.-no.:	00896644
		order-no.:	see chart			
		article designation:	K-8E-M23M8/X,X-H01/M23M8-S4-S			
				page: 1 of: 1		