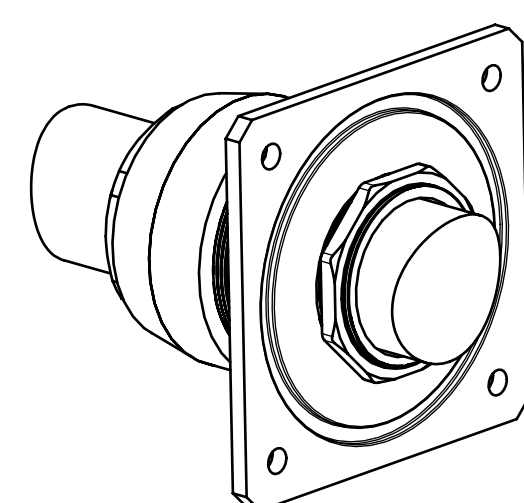
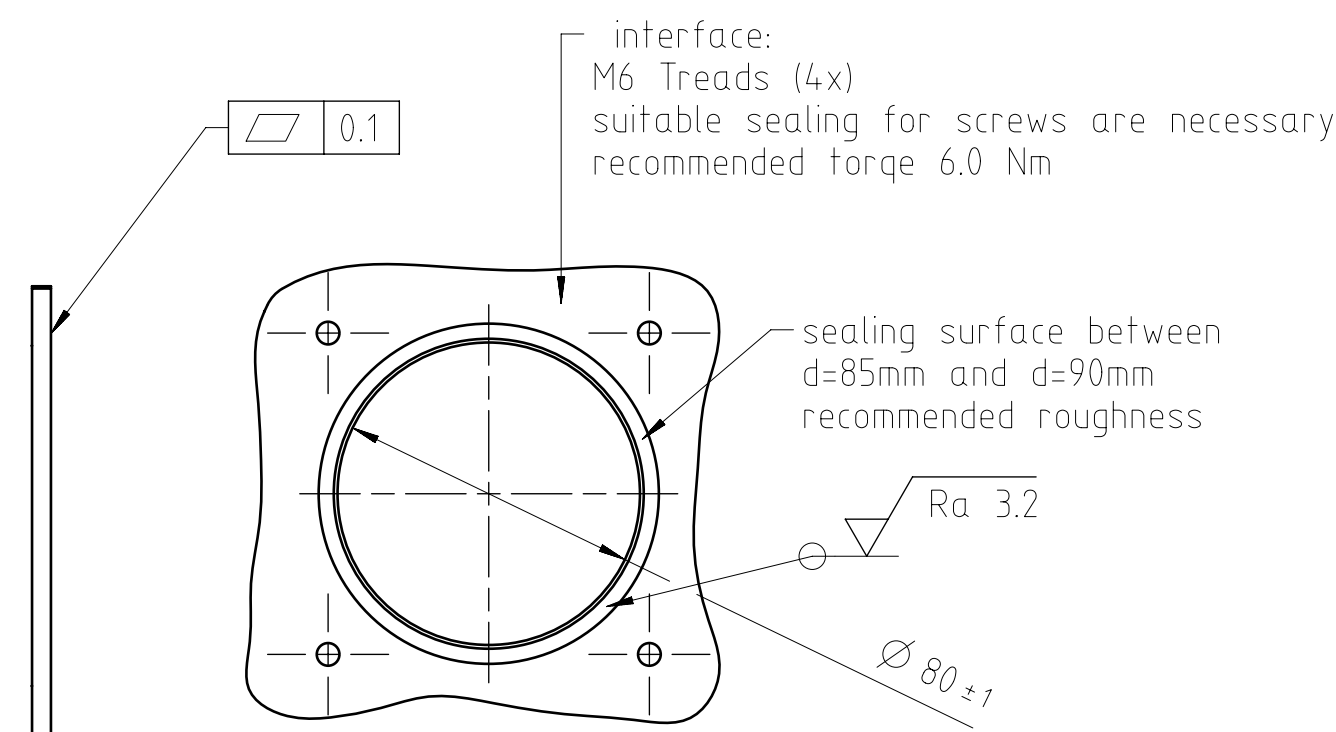
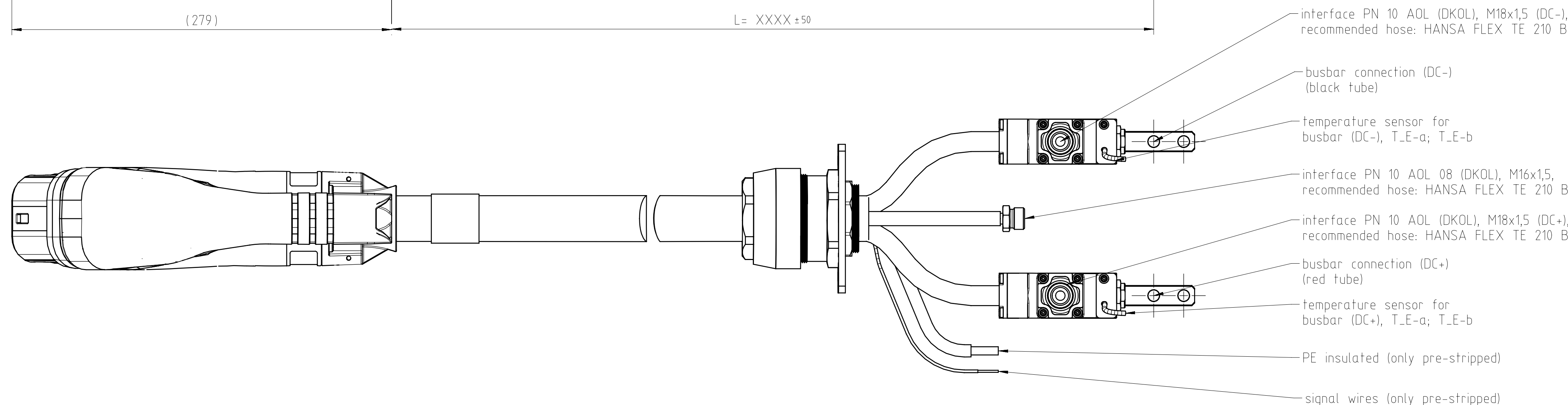
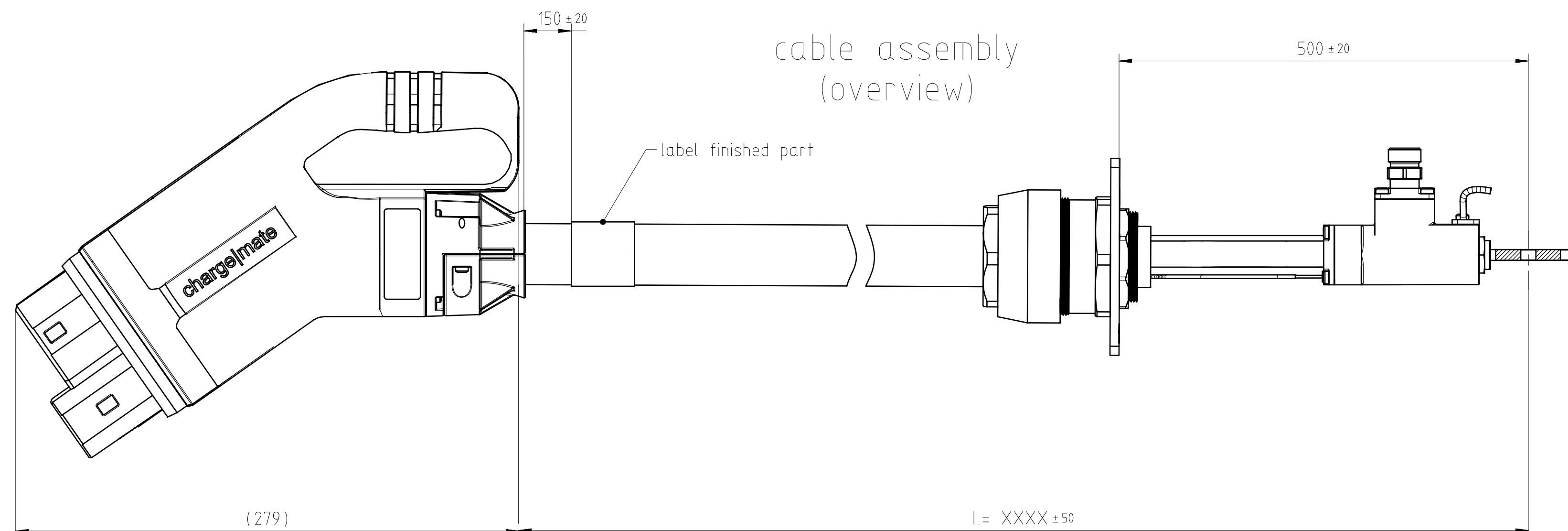


cable gland
panel drilling

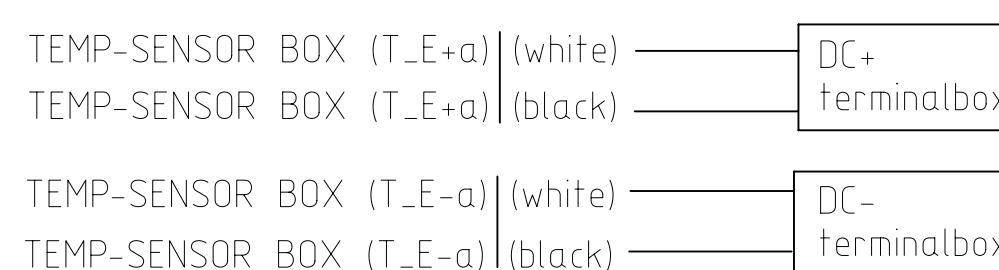
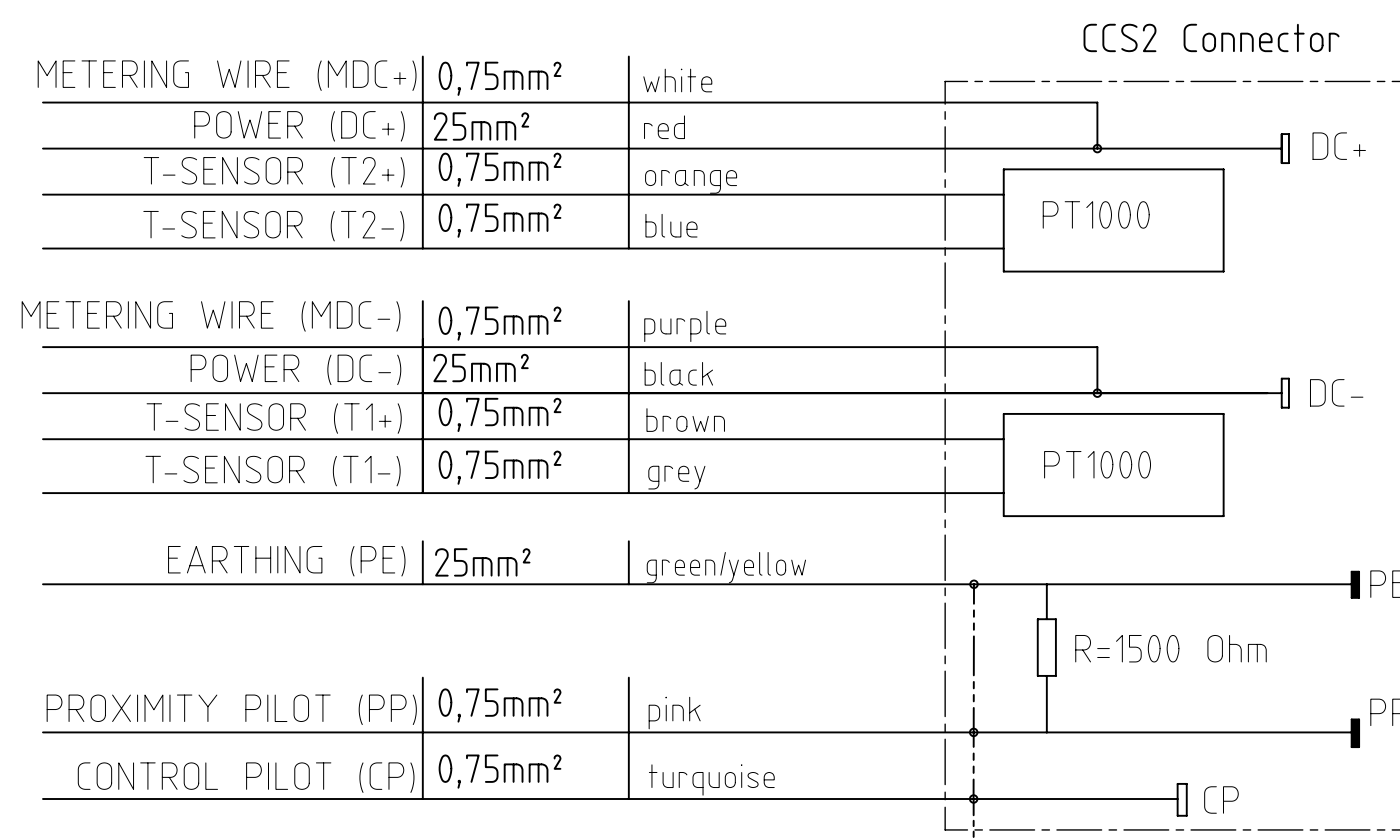


cable assembly
(overview)

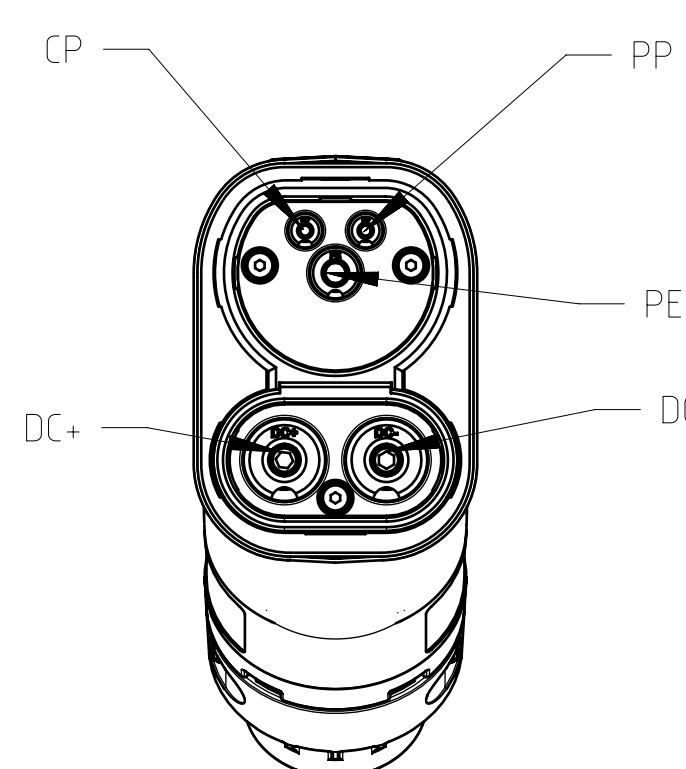


wire assignement

OPEN WIRE END



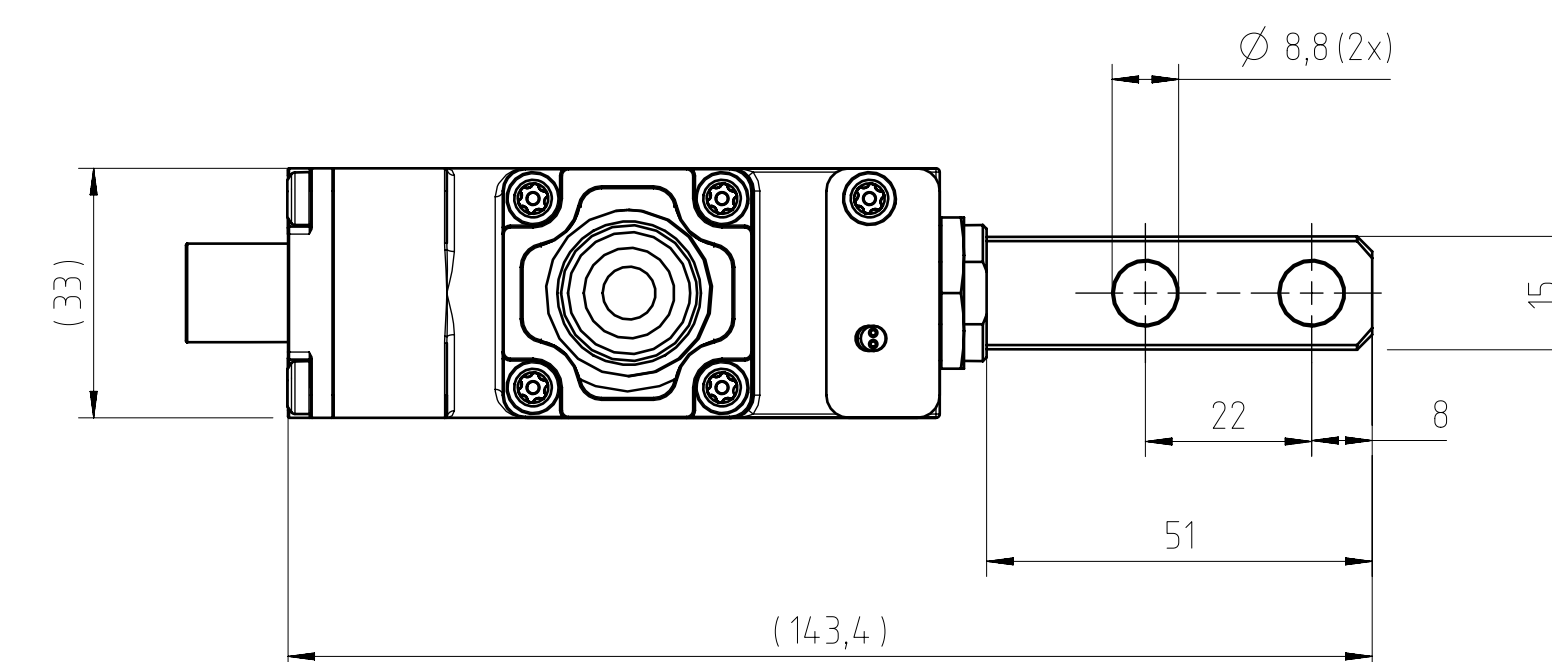
front view
(busbar interface)



"MDC-" wire cross section: 0,75mm² (connected to DC- contact)
"MDC+" wire cross section: 0,75mm² (connected to DC+ contact)

these open wire ends are closed
with shrink tubing in delivered condition!

top view (busbar interface)



All technical data have been measured in a laboratory environment and can be different during practical usage of the product.
Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guaranties

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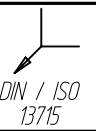
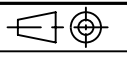
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Gewicht (errechnet) / Calc. WT.: Prüfmaß / Testdimension		Zul. Abw./Tolerances: DIN / ISO 15715		Maßstab / Scale: A1	
Teilindex / Partindexnumber: minor change:		Gez. Drawn: 02.02.2026 Status: Released Gepr. Checked: 09.03.2026 Checked: IMOHLRANG		CUSTOMER DRAWING	
02 202600080 09.03.2026 RVOGL		Amphenol Tuchel Industrial GmbH		CCS2 cable (liquid cooled) Charging cable CCS2	
01 202600049 06.02.2026 RVOGL				MCCON 2LPFK 025DXXXX A	
Index Änderung/Description Datum/Date Name				Ers. f. / Replacement for:	
				Blatt / Sheet 1	
				2 Bl.	

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8	7	6	5	4	3	2	1
technical data							
charging standard		CCS2					
charging mode		mode 4					
standards and specifications		based on IEC 62196-1 based on IEC 62196-3 based on IEC TS 62196-3-1					
rated voltage (DC+ / DC-)		1 000 VDC					
rated current		up to 520 A					
protection class		IP44 (mated condition, acc. standard) IP67 (connector housing in delivery condition) IP00 (for busbar connection)					
operating temperature		-30°C up to +40°C max. +55°C (at current reduction)					
intervention value of temperature sensors		32°C (equal to 1124 Ohm)					
storage temperature		-40°C up to +80°C					
coding resistor		1500Ω (between PE and PP)					
temperature sensors (DC)		PT1000					
mating cycles		> 10000					
insertion force		< 100N					
PP contact connected		yes					
metering-wire-measurement		yes					
replaceability		all contacts + mating face					
coolant		Panolin eCoolLV (biodegradable, non-conductive coolant) Coolant shall not be intermixed					
cooling technology		Direct cooling of charging connector, cable and EVSE connection					
max. operating pressure		6 bar					
Note:		Rated current and performance depends, among other things, on flow rate, inflow temperature, inlet and ambient conditions					
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally bunding; particularly the information does not constitute or provide any legal guaranties							

Gewicht (errechnet) / Calc WT:				Zul. Abw./Tolerances:			Maßstab / Scale:		A3		
 Prüfmaß / Testdimension											
Teileindex / Partindexnumber:											
minor change:											
				Gez.	02.02.2026	CCS2 cable (liquid cooled) Charging cable CCS2					
				Drawn	RVOGL						
				Status	Released						
				Gepr.	09.03.2026	CCON 2LPFK 025DXXXP A					
				Checked	IMOHLANG						
				Amphenol Tuchel Industrial GmbH		Blatt / Sheet					
02	202600080	09.03.2026	RVOGL			2					
01	202600049	06.02.2026	RVOGL			2 Bl.					
Index	Änderung / Description	Datum / Date	Name	4.094.047		Ers. f. / Replacement for:					

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