



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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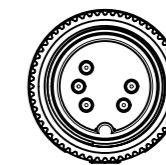
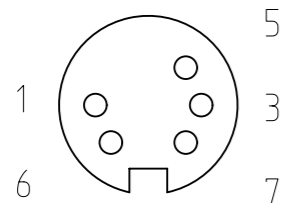
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



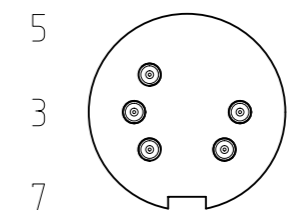
Length



AISG 8-pin female interface with 5 loaded contacts



AISG 8-pin male interface with 5 loaded contacts



**Characteristics**

Connectors	according IEC 61076-2-106 and AISG C485	
Contact plating	Ag	
Cable construction	Jacket	FR-PE, OD 7,0mm
	5 conductors	3x0,75mm <sup>2</sup> (power) 2x0,25mm <sup>2</sup> twisted pair (data)
	Screen	Coverage 85%
	Color	black
Temperature range	-40°C to +80°C (fixed position)	
Protection class	IP 68 (mated)	
Salt spray resistance	Functional safety in plugged condition up to 720h	

**Configuration of Terminals**

Female AISG connector	color of wire	Signal	Male AISG connector
1	blue	+12V DC nominal	1
3	white	RS485 B	3
5	brown	RS 485 A	5
6	red	+24V DC nominal	6
7	black	DC return	7

pins 2, 4 and 8 not connected

**Preferred Cable Length (other length on request)\***

Part number	length m / ft
CA 091 80 4300 950	0,5 / 1,6
CA 091 80 4300 001	1 / 3,2
CA 091 80 4300 002	2 / 6,6
CA 091 80 4300 003	3 / 9,8
CA 091 80 4300 004	4 / 13,1
CA 091 80 4300 005	5 / 16,4
CA 091 80 4300 007	7 / 23,0
CA 091 80 4300 010	10 / 32,8
CA 091 80 4300 015	15 / 49,2
CA 091 80 4300 020	20 / 65,6
CA 091 80 4300 050	50 / 164
CA 091 80 4300 100	100 / 328

**\* order other length**

Cable Style and length	Definition of length	Example
CA 091 80 4300 XXX	XXX = Length in meters	CA 091 80 4300 005 (length = 5 meters)

Gewicht (errechnet) / Calc WT:		Zul. Abw./Tolerances:		Maßstab / Scale: A3	
Prüfmaß / Testdimension		DIN / ISO 13715		CUSTOMER DRAWING	
Teileindex Partindexnumber		Name			
		Datum/Date		Cable assembly overmolded FR-PE cable, 5 pins loaded	
		30.06.2016 MCARL			
		Status: in work		M CA 091 80 4300 XXX	
		Inspector: 30.06.2016 MCARL			
		Amphenol-Tuchel Electronics GmbH		Blatt/Sheet 1	
01 201600004		30.06.2016 MCARL		1 Bl.	
Index Änderung/Description		Datum/Date Name		Ers. f. / Replacement for:	

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