



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

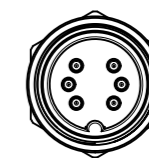
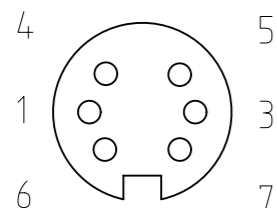
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



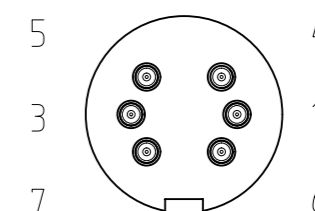
Length



AISG 8-pin female interface with 6 loaded contacts



AISG 8-pin male interface with 6 loaded contacts



**Characteristics**

Connectors	according IEC 61076-2-106 and AISG C485	
Contact plating	Ag	
Cable construction	Jacket	FR-PE, OD 8,0mm
	6 conductors	4x0,75mm <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
4	green	RS485 GND	4
5	brown	RS 485 A	5
6	red	+24V DC nominal	6
7	black	DC return	7

pins 2 and 8 not connected

**\* order other length**

Cable Style and length	Definition of length	Example
CA 091 60 4000 XXX	XXX = Length in meters	CA 091 60 4000 005 (length = 5 meters)

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

Part number	length m / ft
CA 091 60 4000 950	0,5 / 1,6
CA 091 60 4000 001	1 / 3,2
CA 091 60 4000 002	2 / 6,6
CA 091 60 4000 003	3 / 9,8
CA 091 60 4000 004	4 / 13,1
CA 091 60 4000 005	5 / 16,4
CA 091 60 4000 007	7 / 23,0
CA 091 60 4000 010	10 / 32,8
CA 091 60 4000 015	15 / 49,2
CA 091 60 4000 020	20 / 65,6
CA 091 60 4000 050	50 / 164
CA 091 60 4000 100	100 / 328

Gewicht (errechnet) / Calc WT:		Zul. Abw./Tolerances:		Maßstab / Scale: A3	
Prüfmaß / Testdimension		DIN / ISO 13715		CUSTOMER DRAWING	
Teileindex Partindexnumber		Name			
		Datum/Date		Cable assembly FR-PE cable, 6 pins loaded	
		Gez. Drawn			
		30.06.2016 MCARL		M CA 091 60 4000 XXX	
		Status: in work 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. l. Replacement for:	

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