



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!



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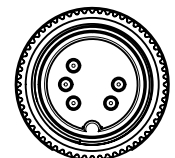
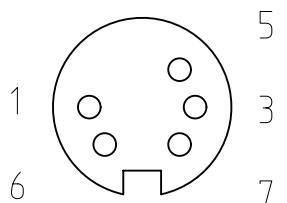
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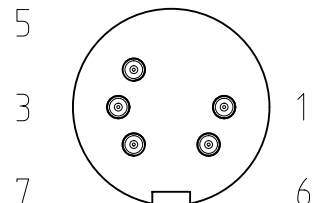
Length



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 ² (power) 2x0,25mm ² 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	

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

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

* 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								
			Datum/Date	Name	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 1 Bl.			
01	201600004	30.06.2016	MCARL					
Index	Änderung/Description	Datum/Date	Name		Ers. f. / Replacement for:			