

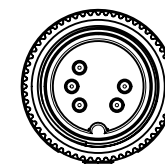
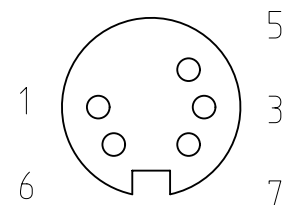
Copied from this document and giving it to others and the use or communication of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.

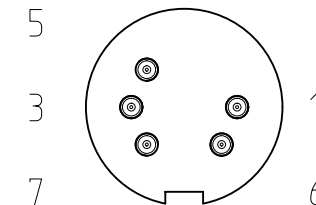
Length



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 <i>FR-PE cable, 5 pins loaded</i>	
				Gez.		30.06.2016 MCARL			
				Drawn					
				Status: in work					
				Inspector: 30.06.2016 MCARL					
				Amphenol-Tuchel Electronics GmbH		M CA 091 80 4300 XXX		Blatt/Sheet	
								1	
01	201600004	30.06.2016	MCARL					1 Bl.	
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for:			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[CA091804300003](#)