

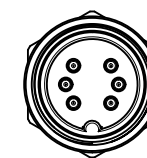
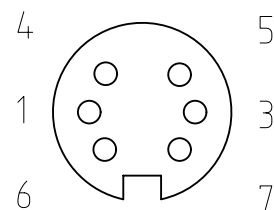
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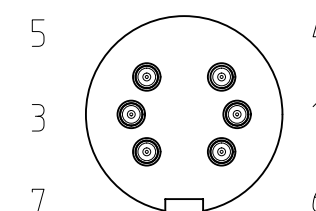
Length



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 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 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

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)

Gewicht (errechnet) / Calc WT:				Zul. Abw./Tolerances :  DIN / ISO 13715		Maßstab / Scale :		A3	
Prüfmaß / Testdimension						CUSTOMER DRAWING			
Teileindex Partindexnumber									
					Datum/Date	Name		Cable assembly FR-PE cable, 6 pins loaded	
				Gez.	30.06.2016	MCARL			
				Drawn					
				Status: in work					
				Inspector: 30.06.2016 MCARL					
				Amphenol-Tuchel Electronics GmbH		M CA 091 60 4000 XXX		Blatt/ Sheet	
01	201600004	30.06.2016	MCARL					1	
								1 Bl.	
Index	Änderung/Description	Datum/Date	Name			Ers. f. / Replacement for :			