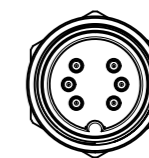
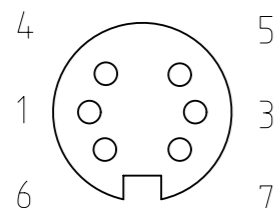


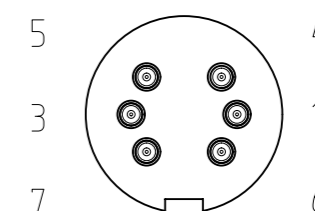
Length



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	

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			
		30.06.2016					
		Gez. / Drawn		M CA 091 60 4000 XXX			
		MCARL					
		Status: in work		Blatt/Sheet 1			
		Inspector: 30.06.2016 MCARL					
		Amphenol-Tuchel Electronics GmbH		1 Bl.			
		Ers. f. / Replacement for:					
01	201600004	30.06.2016	MCARL				
Index	Änderung / Description	Datum/Date	Name				

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