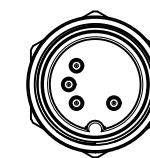
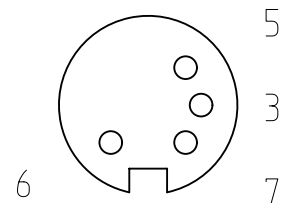


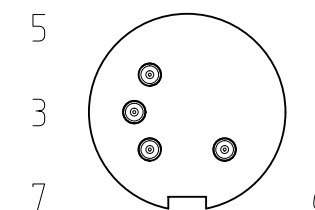
Length



AISG 8-pin female interface with 4 loaded contacts



AISG 8-pin male interface with 4 loaded contacts



**Characteristics**

Connectors	according IEC 61076-2-106 and AISG C485	
Contact plating	Ag	
Cable construction	Jacket	FR-PE, OD 6,8mm
	4 conductors	2x0,75mm <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
3	white	RS485 B	3
5	brown	RS 485 A	5
6	red	+24V DC nominal	6
7	black	DC return	7

pins 1, 2, 4 and 8 not connected

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

Part number	length m / ft
CA 091 60 4400 950	0,5 / 1,6
CA 091 60 4400 001	1 / 3,2
CA 091 60 4400 002	2 / 6,6
CA 091 60 4400 003	3 / 9,8
CA 091 60 4400 004	4 / 13,1
CA 091 60 4400 005	5 / 16,4
CA 091 60 4400 007	7 / 23,0
CA 091 60 4400 010	10 / 32,8
CA 091 60 4400 015	15 / 49,2
CA 091 60 4400 020	20 / 65,6
CA 091 60 4400 050	50 / 164
CA 091 60 4400 100	100 / 328

**\* order other length**

Cable Style and length	Definition of length	Example
CA 091 60 4400 XXX	XXX = Length in meters	CA 091 60 4400 005 (length = 5 meters)

Gewicht (errechnet) / Calc WT:		Zul. Abw./Tolerances:		Maßstab / Scale:		A3	
Prüfmaß / Testdimension				CUSTOMER DRAWING			
Teileindex Partindexnumber		DIN / ISO 13715					
		Datum/Date		Name		Cable assembly	
		Gez. Drawn		30.06.2016		MCARL	
		Status: in work		Inspector: 30.06.2016		MCARL	
						FR-PE cable, 4 pins loaded	
						Amphenol-Tuchel Electronics GmbH	
01		201600004		30.06.2016		MCARL	
Index		Änderung/Description		Datum/Date		Name	
						M CA 091 60 4400 XXX	
						Blatt/Sheet 1	
						1 Bl.	
						Ers. f. / Replacement for:	

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