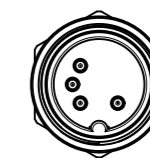
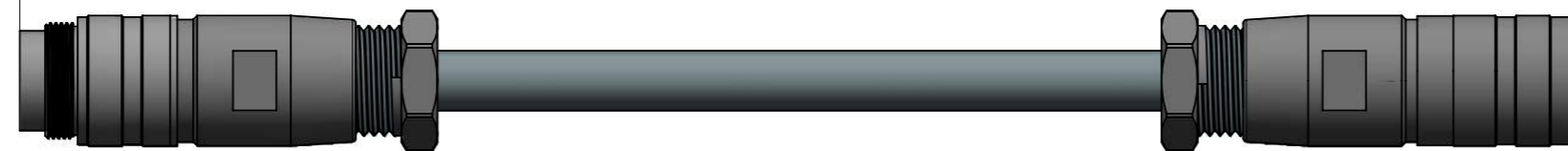
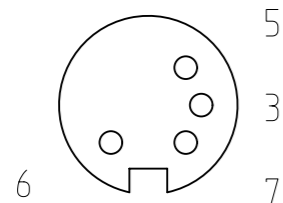


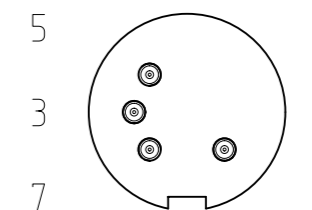
Length



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 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
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		DIN / ISO 13715		CUSTOMER DRAWING	
Teileindex / Partindexnumber		Datum/Date Name			
		Gez. / Drawn: 30.06.2016 MCARL		Cable assembly	
		Status: in work		FR-PE cable, 4 pins loaded	
		Inspector: 30.06.2016 MCARL			
		Amphenol-Tuchel Electronics GmbH		Blatt/Sheet 1	
01 201600004		30.06.2016 MCARL		M CA 091 60 4400 XXX	
Index Änderung/Description		Datum/Date Name		Ers. f. / Replacement for: 1 Bl.	

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