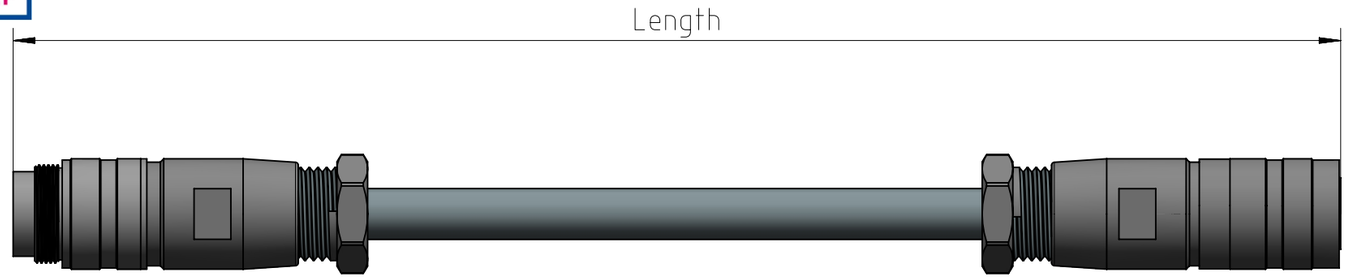
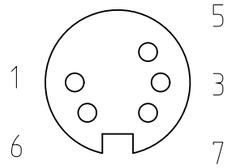
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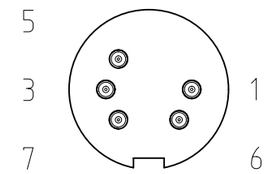
AISG 8-pin female interface
with 5 loaded contacts







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	3x0,75mm² (power) 2x0,25mm² 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 Lenght (other length on request)*

Part number	length m / ft
CA 091 60 4300 950	0,5 / 1,6
CA 091 60 4300 001	1 / 3,2
CA 091 60 4300 002	2 /6,6
CA 091 60 4300 003	3 / 9,8
CA 091 60 4300 004	4 / 13,1
CA 091 60 4300 005	5 / 16,4
CA 091 60 4300 007	7 / 23,0
CA 091 60 4300 010	10 / 32,8
CA 091 60 4300 015	15 / 49,2
CA 091 60 4300 020	20 / 65,6
CA 091 60 4300 050	50 / 164
CA 091 60 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 60 4300 XXX	XXX = Length in meters	CA 091 60 4300 005 (length = 5 meters)

01	201600004	30.06.2016	MCARL
Index	Änderung/ *Description*	Datum/ *Date*	Name

Gewicht (errechnet) / *Calc WT* :
Prüfmaß / *Testdimension*
Teileindex
Partindexnumber

Zul. Abw./ *Tolerances* :
DIN / ISO 13715

	Datum/ *Date*	Name
Gez. *Drawn*	30.06.2016	MCARL

Status: in work
Inspector: 30.06.2016 MCARL

Amphenol-Tuchel Electronics GmbH

Maßstab / *Scale* : A3

CUSTOMER DRAWING

Cable assembly
FR-PE cable, 5 pins loaded

M CA 091 60 4300 XXX

Blatt/ *Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for* :

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