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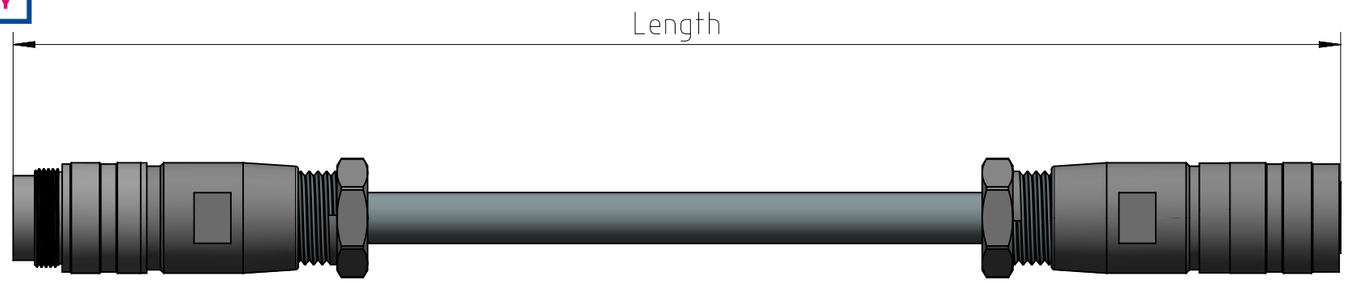
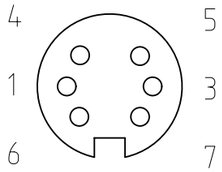
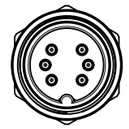
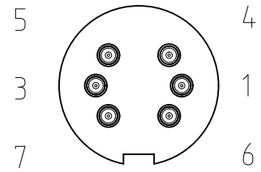


AISG 8-pin female interface
with 6 loaded contacts





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	4x0,75mm² (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	

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

Preferred Cable Lenght (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

* 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* :			
Prüfmaß / *Testdimension*			
Teileindex *Partindexnumber*			
01	201600004	30.06.2016	MCARL
Index	Änderung/ *Description*	Datum/ *Date*	Name

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, 6 pins loaded

M CA 091 60 4000 XXX

Blatt/ *Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for* :

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