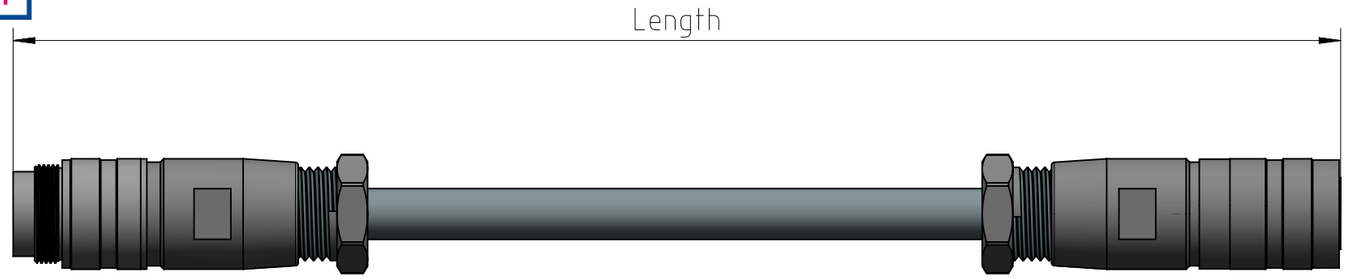
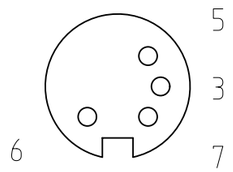
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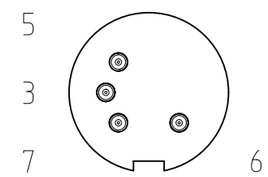
AISG 8-pin female interface
with 4 loaded contacts







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	2x0,75mm² (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
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 Lenght (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)

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, 4 pins loaded

M CA 091 60 4400 XXX

Blatt/ *Sheet* 1 / 1 Bl.

Ers. f. / *Replacement for* :

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