

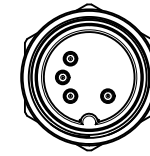
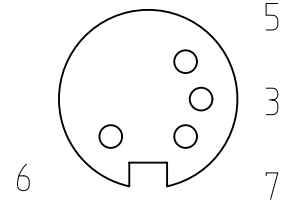
Copied from this document and giving it to others and the use of the contents thereof, are forbidden without express authority. Offenders are liable to the payment of damages. All rights are reserved in the event of the grant of a patent or the registration of the utility model or design.

Weitergabe sowie Vervielfältigung dieser Unterlage, Verwertung und Mitteilung ihres Inhalts nicht gestattet, soweit nicht ausdrücklich zugestanden. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster-Eintragung vorbehalten.

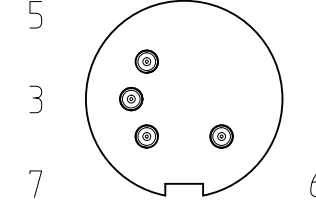
Length



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	

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

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

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