

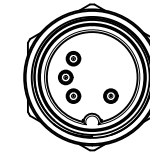
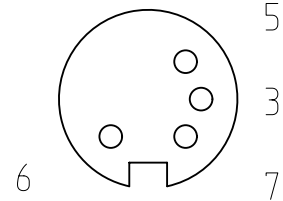
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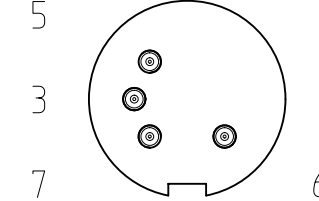
Length



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						
				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:				