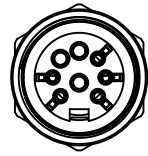


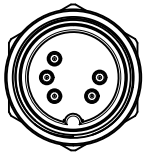
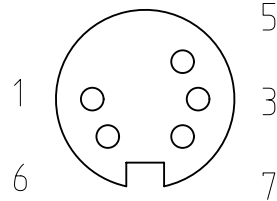
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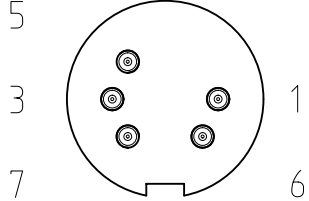
Length



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	3x0,75mm 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 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)

Gewicht (errechnet) / Calc WT:				Zul. Abw./Tolerances:		Maßstab / Scale:		A3			
Prüfmaß / Testdimension						CUSTOMER DRAWING					
Teileindex				Datum/Date		Name		Cable assembly			
Partindexnumber				Gez.		MCARL					
				Drawn		30.06.2016		FR-PE cable, 5 pins loaded			
				Status: in work							
				Inspector: 30.06.2016 MCARL				M CA 091 60 4300 XXX			
				Amphenol-Tuchel Electronics GmbH							
01		201600004		30.06.2016		MCARL		Blatt/Sheet 1			
Index		Änderung/Description		Datum/Date		Name					
						Ers. f. / Replacement for :					