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Amphenol Sine Systems
C091 31D003 100 2

For any questions, you can email us directly:
sales@integrated-circuit.com

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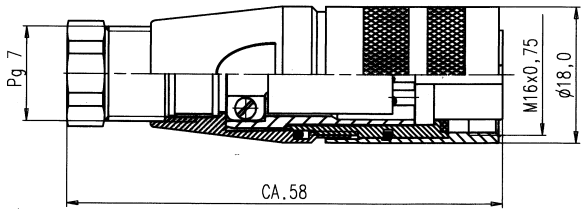

Number of contacts	3	4	5	5Stereo	6	7	7	8	12	14
Contact arrangement acc. to DIN	41 524	–	–	41 524	45 322	–	45 329	45 326	–	–
Contact arrangement acc. to IEC	130-9	130-9	–	130-9	130-9	–	130-9	130-9	–	–
Rated voltage [1]	300V ~			150V ~	300V ~		100V ~			
Rated impulse withstand voltage [1]	1500V			1200V	1500V		1200V			
Pollution degree [1]	1			1	1		1			
Installation category [1]	I			I	I		I			
Rated voltage [2]	250V~			60V~	250V~		60V~			
Insulation group [2]	A			A	A		A			
Test voltage [2]	980V~			670V~	980V~		670V~			
Current rating [3]	5A at +40°C ambient temperature								3A	
Termination	solder								solder	
Wire gauge	solder ≤ 0,5mm²								≤ 0,25mm²	
Contact plating	silver / gold								gold	
Temperatur range [3]	lower / upper temperature -40°C / +85°C									
Locking system	screw locking									
IP-degree of protection acc. to IEC 529	IP 67									
Contact resistance [3]	<5m Ω									
Insulation resistance [3]	>10^{12} Ω									
Dielectric material	thermoplastic									
Housing material	brass, die cast, nickel plated									
Mating cycles [3]	≥500									
Insertion force [3]	25N	30N	35N	50N	55N	60N	50N			
Withdrawal force [3]	21N	25N	30N	45N	45N	55N	45N			

[1] Angaben nach/acc. to DIN VDE 0110T2/1.89
[2] Angaben nach/acc. to VDE 0110 b/2.79
[3] Prüfung nach/test acc. to IEC 512

Do not connect or disconnect under load.
Metal housing parts shall be securely incorporated to.

CONTACT ARRANGEMENT	NO. OF CONTACTS	CONTACT PLATING - AG	CONTACT PLATING - AU
	14	C091 31D014 100 2	C091 31D014 200 2
	12	C091 31D012 100 2	C091 31D012 200 2
	8	C091 31D008 100 2	C091 31D008 200 2
	7	C091 31D107 100 2	C091 31D107 200 2
	7	C091 31D007 100 2	C091 31D007 200 2
	6	C091 31D006 100 2	C091 31D006 200 2
	5	C091 31D005 100 2	C091 31D005 200 2
	5 Stereo	C091 31D105 100 2	C091 31D105 200 2
	4	C091 31D004 100 2	C091 31D004 200 2
	3	C091 31D003 100 2	C091 31D003 200 2

Gewicht (errechnet)/Calc WT: 9
Prüfmaß/Testdimension
Teileindex
Partindexnumber

Zul. Abw./Tolerances:
DIN 6784

Maßstab/Scale 2:1 A3

CUSTOMER DRAWING

Female cable connector

Index	Änderung/Description	Datum/Date	Name
01		14.02.02	CI
02			

	Datum/Date	Name
Gez. Drawn	14.02.	Cionvica
Gepr. Checked	14/02/02	

Amphenol-Tuchel Electronics GmbH

M C091 31DXXX X00 2

Blatt/Sheet 2 / 2 Bl.

Ers. f./Similar to: 5656 107

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