

Product sheet Automation technology

Product Area	Male socket, front fastened, dip solde M12 connectors A-Coding	r, M12 x 1, 12 pol serie 713/763	Pole Article number	5 09 3441 550 05
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illustration		scale drawing	Contact Arra	ngement
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Technical data				

Technical data

Common values

Connector Design			
Connector locking system			
Termination			
Upper temperature			
Lower temperature			

Electrical values

Rated voltage	125 V	
Rated impulse voltage	1500 V	
Pollution degree	3	
Overvoltage category	II	
Material group	II	
Rated current (40°C)	4 A	
Volume resistivity	≤3 mΩ	
Degree of protection	IP 68	
Mechanical operation	>100 mating cycles	

Male socket

Screw-locking

dip solder

+85 °C

-25 °C

Material

- Material of contact Contact plating Material of contact body Material of housing
- CuZn (brass) Au (gold) PA CUZn (brass nickel plated)

Cable data

Contacts 5: Male socket, front fastened, dip solder, M12 x 1, contact 10,5 mm