

Product Area Male socket, front fastened, dip solder, M12 x 1 serie 713/763

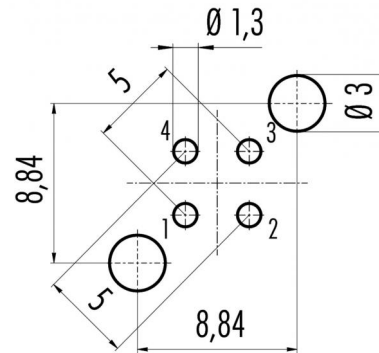
Pole 4  
Article number 09 3431 500 04

illustration

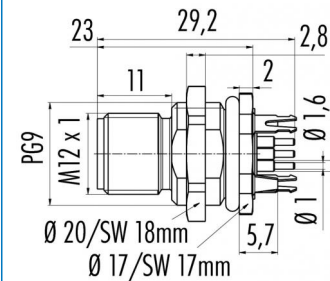


You can find the assembly instruction on the next page.

Conductor layout



scale drawing



Leiterplattendicke: 1,6 mm  
Thickness of PCB: 1,6 mm

Technical data

Common values

Connector Design	Male socket
Connector locking system	Screw
Termination	dip solder
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

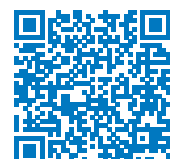
Material of contact	CuZn (brass)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	CUZn (brass nickel plated)

Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 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

Cable data

Contacts 4: Male socket, front fastened, dip solder, with shielding sheet, PG 9



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Area M12 connectors A-Coding serie 713/763

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Date: 2014-07-20 - Page 2 of 2

Installation instructions / Mounting cutout

Mit Fläche als Verdrehschutz  
With flats as anti-rotation device



Mit Durchgangsbohrung  
With bore hole



	c
PG 9	15,3
M16x1,5	16,1

Anzugsdrehmoment/Tightening moment

Metallgehäuse/Metal housing 6,25 Nm  
Kunststoffgehäuse/Plastic housing 3,75 Nm