

Product Area Male socket, solder, with fixing thread
M 18 connectors

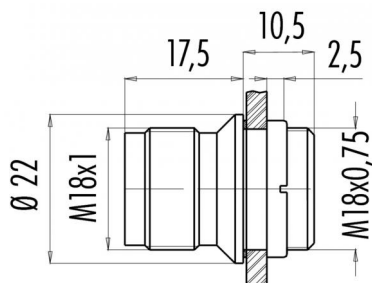
serie 714

Pole 4
Article number 09 0441 81 04

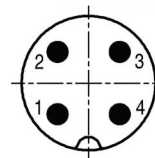
illustration



scale drawing



Contact Arrangement



	X	Y
1	-3,18	-3,18
2	-3,18	3,18
3	3,18	3,18
4	3,18	-3,18

You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Male socket
Connector locking system	Screw
Termination	solder
Wire gauge (mm)	1,50 mm ²
Wire gauge (AWG)	16
Upper temperature	+85 °C
Lower temperature	-25 °C

Electrical values

Rated voltage	250 V
Rated impulse voltage	4000 V
Pollution degree	3
Overvoltage category	III
Material group	III
Rated current (40°C)	16 A
Volume resistivity	≤ 8 mΩ
EMV compliance	-
Degree of protection	IP 67
Mechanical operation	> 50 mating cycles

Material

Material of contact	CuZn (brass)
Contact plating	CuSnZn (Optalloy)
Material of contact body	PBT, PA
Material of housing	PBT, PA

Cable data

material housing	-
insulation single lead	-
single lead structure	-
conductor resistance	-
bending radius cable fixed	-
bending radius cable movable	-

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Installation instructions / Mounting cutout

