

Product Area

Female socket, front fastened, dip solder, with shielding sheet
M12 connectors A-Coding serie 713/763

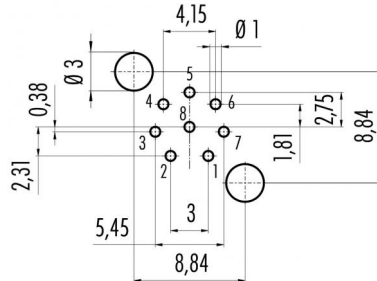
Pole Article number

8
09 3482 500 08

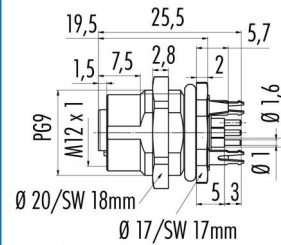
illustration



Conductor layout



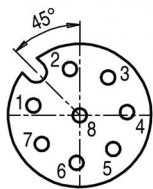
scale drawing



Sechskantmutter lose beigelegt
Hexagon nut enclosed loose

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

Contact Arrangement



	X	Y
1	-2,69	0,57
2	-0,57	2,69
3	1,66	2,20
4	2,75	0,19
5	1,94	-1,94
6	-0,19	-2,75
7	-2,20	-1,66
8	0,00	0,00

You can find the assembly instruction on the next page.

Technical data

Common values

Connector Design	Female socket
Connector locking system	Screw
Termination	dip solder
Wire gauge (mm)	0,25 mm ²
Wire gauge (AWG)	24
Upper temperature	+85 °C
Lower temperature	-40 °C

Material

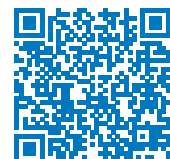
Material of contact	CuSn (bronze)
Contact plating	Au (gold)
Material of contact body	PA
Material of housing	CUZn (brass nickel plated)

Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	2 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 68
Mechanical operation	>100 mating cycles

Cable data

Contacts 8: Female socket, front fastened, dip solder, with shielding sheet



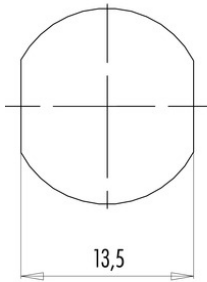
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Pole 8
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Date: 2014-07-20 - Page 2 of 2

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