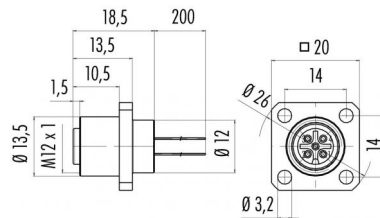


Product Area	Female socket, Degree of protec. Without sealing IP 40, with sealing IP 67 (see accessories) M12 connectors A-Coding serie 713/763	Pole Article number	12 09 3498 00 12
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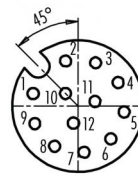
illustration



scale drawing



Contact Arrangement



- 1 braun/brown
- 2 blau/blue
- 3 weiß/white
- 4 grün/green
- 5 rosa/pink
- 6 gelb/yellow
- 7 schwarz/black
- 8 grau/grey
- 9 rot/red
- 10 violett/purple
- 11 grau/rosa/grey/pink
- 12 rot/blau/red/blue

Technical data

Common values

Connector Design	Female socket
Connector locking system	Screw
Termination	wires
Wire gauge (mm)	0,14 mm ²
Wire gauge (AWG)	26
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)

Cable data

Contacts 12: Female socket, Degree of protec, without sealing IP 40, with wires 0,14 mm², with sealing IP 67 (see accessories)

Electrical values

Rated voltage	30 V
Rated impulse voltage	500 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	2 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP 40/ IP 67
Mechanical operation	>100 mating cycles

