

MENGELKING



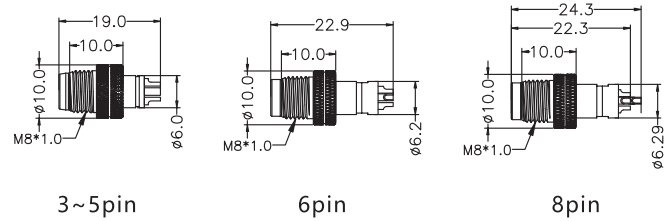
M8 Series
**Connectors for
Overmoulding**

Male connector for over-molding

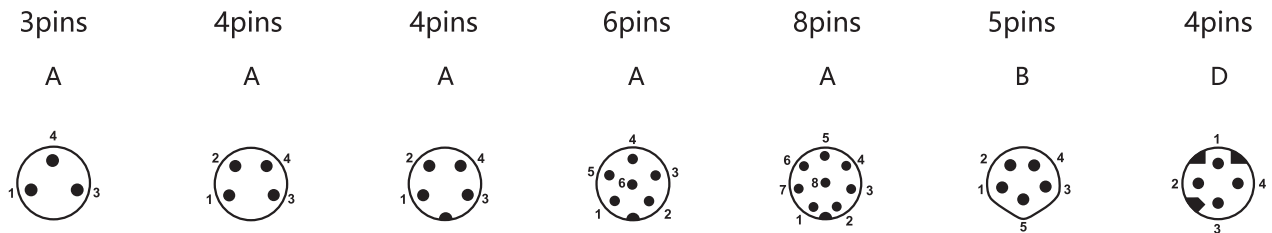
Product figure



Scale diagram



Contact layout (Front view)



Order data

Contacts	Coding	Order No
3pins	A	M08A03/MB2/BN/SC
4pins	A	M08A04/MB2/BN/SC
	A(fool-proof)	M08104/MB2/BN/SC
	D	M08D04/MB2/BN/SC
5pins	B	M08B05/MB2/BN/SC
6pins	A	M08A06/MB2/BN/SC
8pins	A	M08A08/MB2/BN/SC

Specifications

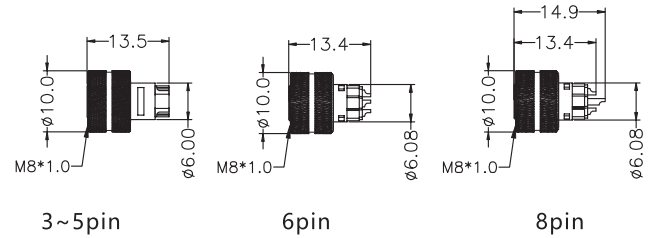
Number of contacts	3	4 A-coding	4 D-coding	5	6	8
Termination	solder					
Wire gauge	0.14/0.25/0.34 mm ² / (26/24/22 AWG)					
Operating temperature	-25°C ~ +80°C					
Mechanical operation	> 100 mating cycles					
Rated voltage	50V AC / 60V DC	60V		30V		
Rated current (40°C)	3A	4A	3A	1.5A		
Protection degree	IP67/IP68					
Contact resistance	< 10mΩ					
Insulation resistance	≥ 100MΩ					
Pin contact	CuZn					
Socket contact	CuSn					
Contact plating	Au					

Female connector for over-molding

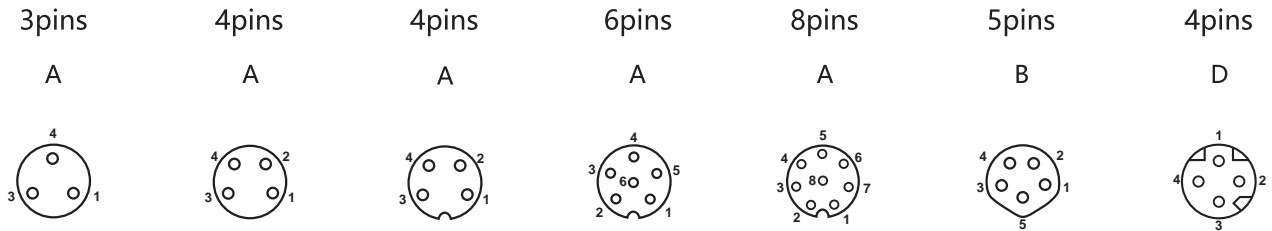
Product figure



Scale diagram



Contact layout (Front view)



Order data

Contacts	Coding	Order No
3pins	A	M08A03/FB2/BN/SC
4pins	A	M08A04/FB2/BN/SC
	A(fool-proof)	M08104/FB2/BN/SC
	D	M08D04/FB2/BN/SC
5pins	B	M08B05/FB2/BN/SC
6pins	A	M08A06/FB2/BN/SC
8pins	A	M08A08/FB2/BN/SC

Specifications

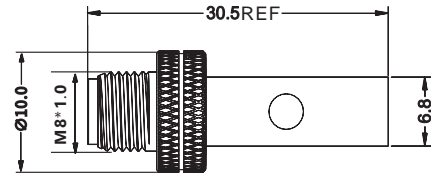
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Protection degree	IP67/IP68					
Contact resistance	< 10mΩ					
Insulation resistance	≥ 100MΩ					
Pin contact	CuZn					
Socket contact	CuSn					
Contact plating	Au					

Male connector for over-molding

Product figure (with shield)



Scale diagram



Contact layout (Front view)

3pins

A



4pins

A



4pins

A



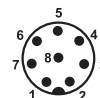
6pins

A



8pins

A



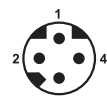
5pins

B



4pins

D



Order data

Contacts	Coding	Order No
3pins	A	M08A03/MB3/BN/SC
4pins	A	M08A04/MB3/BN/SC
	A(fool-proof)	M08104/MB3/BN/SC
	D	M08D04/MB3/BN/SC
5pins	B	M08B05/MB3/BN/SC
6pins	A	M08A06/MB3/BN/SC
8pins	A	M08A08/MB3/BN/SC

Specifications

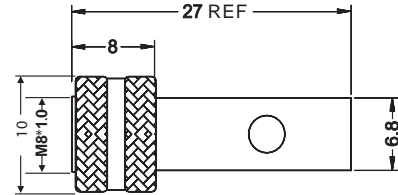
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Contact resistance	< 10mΩ					
Insulation resistance	≥ 100MΩ					
Pin contact	CuZn					
Socket contact	CuSn					
Contact plating	Au					

Female connector for over-molding

Product figure (with shield)



Scale diagram



Contact layout (Front view)

3pins

A



4pins

A



4pins

A



6pins

A



8pins

A



5pins

B



4pins

D



Order data

Contacts	Coding	Order No
3pins	A	M08A03/FB3/BN/SC
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	A(fool-proof)	M08104/FB3/BN/SC
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Specifications

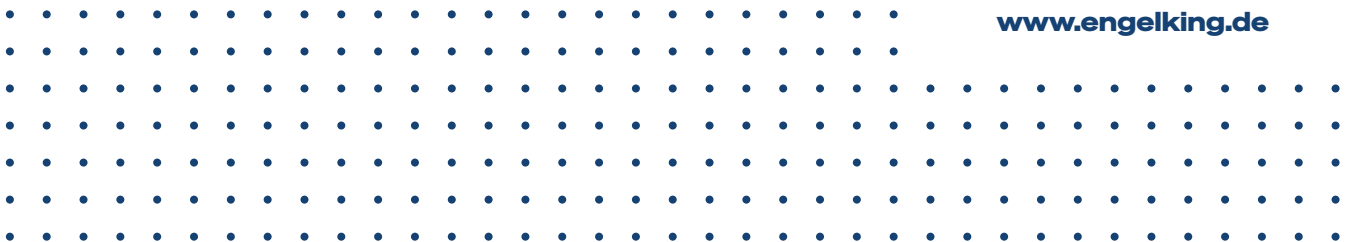
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Socket contact	CuSn					
Contact plating	Au					



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