

Product	Contacts: 3, female panel mount connector, front mounting, with shielding sheet, dip-solder	Area	M8 Series 768/718
Pole	3	Article number	09 3418 81 03

Illustration	Conductor layout	Scale drawing																				
		<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Female / female</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>M8 x 1</td> <td>8,1</td> <td>2,0</td> <td>4,5</td> <td>3,1</td> </tr> <tr> <td>M10 x 0,75</td> <td>10,1</td> <td>2,0</td> <td>4,5</td> <td>3,1</td> </tr> <tr> <td>M12 x 1</td> <td>12,1</td> <td>2,5</td> <td>4,5</td> <td>3,0</td> </tr> </tbody> </table> <p style="font-size: small; text-align: center;">Anzugsdrehmoment/Tightening moment 1 Nm</p>	Female / female	A	B	C	D	M8 x 1	8,1	2,0	4,5	3,1	M10 x 0,75	10,1	2,0	4,5	3,1	M12 x 1	12,1	2,5	4,5	3,0
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Technical data

Common values

Connector Design	Female panel mount connector
Connector locking system	screw
Termination	dip-solder
Wire gauge (mm)	-
Wire gauge (AWG)	-
Upper temperature	85 °C
Lower temperature	-40 °C

Electrical values

Rated voltage	60 V
Rated impulse voltage	800 V
Pollution degree	3
Overvoltage category	II
Material group	II
Rated current (40°C)	4 A
Volume resistivity	≤ 3 mΩ
Degree of protection	IP67
Mechanical operation	> 100 mating cycles

Material

Material of contact	CuSn (Bronze)
Contact plating	Au (Gold)
Material of contact body	PA (UL 94 HB)
Material of housing	Nickel-plated zinc die casting

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