



Technical specification:

Rated voltage: IEC 61076-2-101	4pos 250 V	5pos 60 V	8pos 30 V
Current rating: IEC 61076-2-101	4/5pos 4 A at 40°C	8pos 2 A at 40°C	
Insulation resistance: IEC 60512	>=100 MΩ		
Pollution degree: IEC 60664-1	3/2		
Degree of protection: IEC 60529	IP 67, in mated condition		
Temperature range:	-30°C ... +85°C		
Mating cycles: IEC 60512-9a	>=100		

Materials:

Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PBT GF, UL 94
Sealing connector: chassis:	FPM NBR
Counternut:	CuZn, nickel plated
Socket housing:	CuZn, nickel plated
Grouting:	Polyurethane-resin, UL 94

Installation specification:

Recommended torque:	1-1,2 Nm
Conec installation tool:	Torque wrench: 36-000200 Insert across flats 19: 36-000250

Part no:	Description:	Pos	Length L:	D1	D2
43-01026	SAL - 12 - FKH4 - P5,5	4	5,5mm	Ø5,0	Ø1,6
43-01027	SAL - 12 - FKH5 - P5,5	5		Ø5,5	Ø1,4
43-01028	SAL - 12 - FKH8 - P5,5	8	12mm	Ø5,0	Ø1,6
43-01029	SAL - 12 - FKH4 - P12	4		Ø5,5	Ø1,4
43-01030	SAL - 12 - FKH5 - P12	5			
43-01031	SAL - 12 - FKH8 - P12	8			

DO NOT ALTER CAD DRAWING BY HAND Directive 2011/65/EU RoHS compliant	Index: d 02.09.14 MG Ä5180 temperature range changed	dim. in mm	title: <h2 style="margin: 0;">Female Socket M12x1 with dip solder, backmounting</h2>					
		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 30px;">date</td> <td style="width: 30px;">name</td> </tr> <tr> <td>drawn 20.02.07</td> <td>Fromm</td> </tr> <tr> <td>appd. 01.03.07</td> <td>Mankopf</td> </tr> </table>			date	name	drawn 20.02.07	Fromm
	date	name						
	drawn 20.02.07	Fromm						
appd. 01.03.07	Mankopf							
general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm			dwg no: <h1 style="margin: 0;">43K1A231</h1>					
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