



**Technical specification :**

Rated voltage: IEC 61076-2-104	30 V
Current rating: IEC 61076-2-104	2x4A (Pin1+3) bei 40°C 3x1A (Pin2+4+5)
Insulation resistance: IEC 60512	>=100 MΩ
Pollution degree: IEC 60664-1	3/2
Degree of protection: IEC 60529	IP 67, im gesteckten Zustand
Temperature range:	-30°C ... +80°C
Mating cycles: IEC 60512-9a	>=100

**Materials:**

Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PA, UL 94
Coupling screw:	GD-Zn, nickel plated
Moulding body:	TPU, UL 94, grey

**Contact assignment:**

- 1 ■ brown 0,34 mm<sup>2</sup>
- 2 ■ white 0,14 mm<sup>2</sup>
- 3 ■ blue 0,34 mm<sup>2</sup>
- 4 ■ black 0,14 mm<sup>2</sup>
- 5 ■ grey 0,14 mm<sup>2</sup>

Part no:	Description:	Length L:	Cable:
42-12181	SAL - 8B - RSFU5.1 - 0,5 / H5	0,5m	TPU, black, 2x0,34mm <sup>2</sup> , 3x0,14mm <sup>2</sup> Cable: 781-H5004H
42-12182	SAL - 8B - RSFU5.1 - 1 / H5	1m	
42-12183	SAL - 8B - RSFU5.1 - 2 / H5	2m	
42-12184	SAL - 8B - RSFU5.1 - 3 / H5	3m	
42-xxxxx	SAL - 8B - RSFU5.1 - ... / H5	x	

D see data sheet cable

DO NOT ALTER CAD DRAWING BY HAND Directive 2011/65/EU RoHS compliant	dim. in mm		title: <b>Male connector M8x1 axial screw /          snap, thread fixed, B-coding</b>	
		date		name
	tolerance of cable:	$L \leq 4m: L + 40mm$ $L > 4m: L + 1\%$	drawn 19.09.13 Fromm appd. 19.09.13 Mankopf	dwg no:
	general tolerance:	0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm		42K1A550 part no: see table

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