



**Technical specification :**

Rated voltage: 30 V  
IEC 61076-2-104

Current rating: 3 A at 40°C  
IEC 61076-2-104

Insulation resistance: >=100 MΩ  
IEC 60512

Pollution degree: 3/2  
IEC 60664-1

Degree of protection: IP 67, in mated condition  
IEC 60529

Temperature range: -30°C ... +80°C  
EN 60512-11-10  
-40°C ... +85°C  
EN 60512-11-4

Mating cycles: >=100  
IEC 60512-9a

**Cable specification:**

Temperatur range:  
static -30°C ... +80°C  
flexibel -15°C ... +80°C

**Materials:**

Contact: CuZn, Ni b / Au 0,2 gal.

Contact carrier: PA, UL 94 V-0

Sealing: FPM

Coupling nut: GD-Zn, Nickel plated

Moulding body: TPU, UL 94 HB, grey

**Installation specification:**

Recommended torque: 0,4 Nm

Conec installation tool: Torque wrench: 36-000200  
Insert across flats 9: 36-000210

**Contact assignment:**

- 1) brown
- 2) white
- 3) blue
- 4) black
- Shielding coupling nut

Part no:	Description:	Length L:	Cable:
42-10855	SAL - 8S - RK4 - 2 / G2	2m	TPU, UL 20549, black, 4x0,25mm <sup>2</sup> Cable: 781-G22400
42-10856	SAL - 8S - RK4 - 3 / G2	3m	
42-10857	SAL - 8S - RK4 - 5 / G2	5m	
42-10858	SAL - 8S - RK4 - 10 / G2	10m	
42-xxxxx	SAL - 8S - RK4 - ... / G2	x	

DO NOT ALTER CAD DRAWING BY HAND RoHS & REACH compliant	Index: b 14.06.16 rbo Ä6110 Data sheet modified, moulding body modified	dim. in mm	title: <b>Female connector M8x1 axial, 360°-shielding</b>	
	tolerance of cable: L <= 4m: L + 40mm L > 4m: L + 1%	date		
	general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm + ± 5°	drawn	27.10.09	Franz
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			dwg no: <b>42K1A179</b>	
			part no: <b>see table</b>	