

**Technical specification :**

Rated voltage: 30 V  
IEC 61076-2-104

Current rating: 3 A bei 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

Numbers of cycles: >= 4 Mio. at 3 m/s

**Materials:**

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

Contact carrier: PA, UL 94 V-0

Sealing: FPM

Coupling nut: GD-Zn, Nickel plated

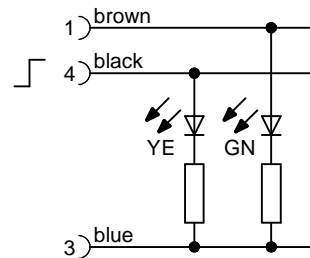
Moulding body: TPU, UL 94 HB, translucent

**Installation specification:**

Recommended torque: 0,4 Nm

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

**Contact assignment:**



Part no:	Description:	Length L:	Cable:
42-10456	SAL - 8 - RKW3 - 2L - 2 / K1	2m	TPU, UL 20549, black, 3x0,25mm <sup>2</sup> Cable: 781-K12300
42-10457	SAL - 8 - RKW3 - 2L - 3 / K1	3m	
42-10458	SAL - 8 - RKW3 - 2L - 5 / K1	5m	
42-10459	SAL - 8 - RKW3 - 2L - 10 / K1	10m	
42-xxxxx	SAL - 8 - RKW3 - 2L - ... / K1	x	

DO NOT ALTER CAD DRAWING BY HAND RoHS & REACH compliant	Index b: 13.07.2015 rch Ä5717 Change to BIG-Moulding body, data sheet modified	dim. in mm	title: <b>Female connector M8x1 angled with LED</b>
	tolerance of cable: L <= 4m: L + 40mm L > 4m: L + 1%	date name drawn 14.10.08 Mankopf appd. 14.10.08 Fromm	
	general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm x ± 5°	<b>CONEC</b> ®	<b>42K1A093</b>
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