

**Technical specification :**

Rated voltage: 630 V AC/DC  
IEC 61076-2-111

NOTE: IT'S ONLY ALLOWED TO APPLY VOLTAGE IN MATED CONDITION

Current rating: 12 A at 40 °C  
IEC 61076-2-111

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: -20 °C ... +80 °C  
EN 60512-11-10  
-40 °C  
EN 60512-11-4 -40 °C ... +85 °C

Mating cycles: >=100  
IEC 60512-9a

**Cable specification:**

Temperatur range:  
static -20 °C ... +80 °C  
flexibel -0 °C ... +60 °C

Numbers of cycles: >= 100.000

**Materials:**

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

Contact carrier: PA, UL 94 V-0

Sealing: FPM

Coupling nut: GD-Zn, Nickel plated

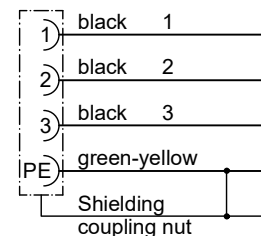
Moulding body: TPU, UL 94 HB, grey

**Installation specification:**

Recommended torque: 0,6 Nm

Conec installation tool: Torque wrench: 36-000200  
Insert across flats 13: 36-000220

**Contact assignment:**



Part no:	Description:	Length L:	Cable:
43-17116	SAL - 12SC - RK3PE - 2 / GOA	2m	PVC, UL 2570, orange, 4xAWG16 Li9CY Cable: 781-GOA8400
43-17117	SAL - 12SC - RK3PE - 3 / GOA	3m	
43-17118	SAL - 12SC - RK3PE - 5 / GOA	5m	
43-17119	SAL - 12SC - RK3PE - 10 / GOA	10m	
43-xxxxx	SAL - 12SC - RK3PE - ... / GOA	x	

DO NOT ALTER CAD DRAWING BY HAND RoHS & REACH compliant	Index b: 18.02.16 Brü Ä5989 change contact assignment	dim. in mm	title: Female connector M12x1 axial, 360°-shielding	
		date name		
	tolerance of cable: L <= 4m: L + 40mm L > 4m: L + 1%	drawn 13.02.14 Gitinow	appd. 04.04.14 Franz	dwg no:
	general tolerance: 0 ± 0,50mm 0,0 ± 0,25mm 0,00 ± 0,10mm * ± 5°	<b>CONEC</b> ®		43K1A2240
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