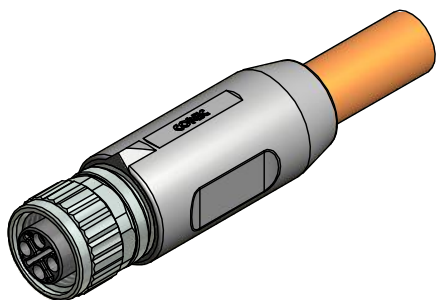
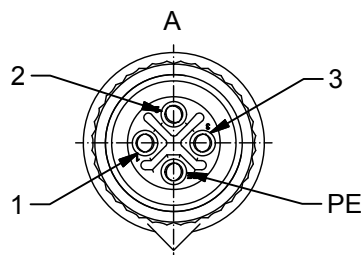
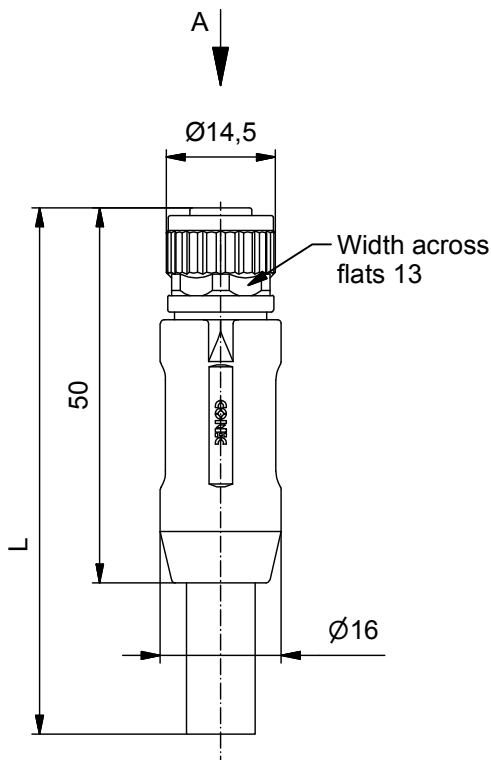




Technical specification :

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

NOTE: VOLTAGE MAY BE PRESENT ONLY
IN MATED CONDITION

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

Insulation resistance: ≥ 100 M
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 ... +85°C
EN 60512-11-4

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:

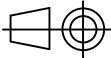
Recommended torque: 0,6 Nm

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

Contact assignment:

1	black	1
2	black	2
3	black	3
PE	green-yellow	
	Shielding	
	coupling nut	

Part no:	Description:	Length L:	Cable:
43-17116	SAL - 12SC - RK3PE - 2 / GOA	2m	PVC, UL 2570, orange, 4xAWG16 Li9YCY 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	
	tolerance of cable: L $\leq$ 4m: L + 40mm L > 4m: L + 1%			
	general tolerance: 0 $\pm$ 0,50mm 0,0 $\pm$ 0,25mm 0,00 $\pm$ 0,10mm * $\pm$ 5°		dwg no: 43K1A2240	
	THIS DRAWING MAY NOT BE COPIED OR REPRODUCED IN ANY WAY, AND MAY NOT BE PASSED ON TO A THIRD PARTY WITHOUT WRITTEN PERMISSION. OWNERSHIP AND COPYRIGHT OF CONEC GmbH		part no: see table	

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