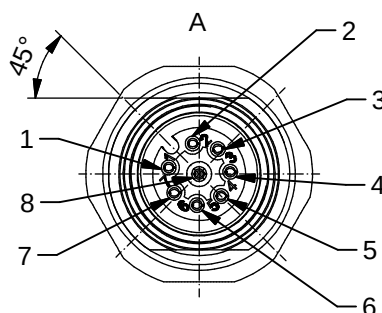
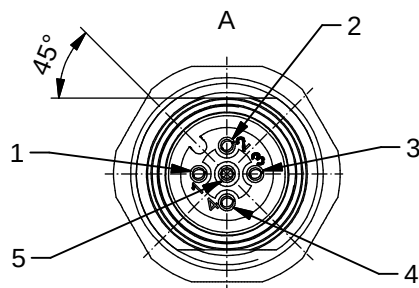
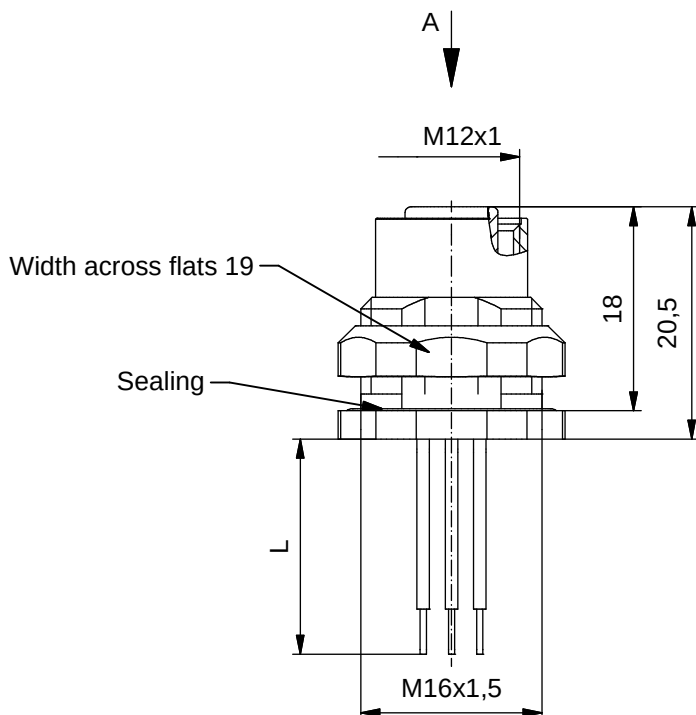


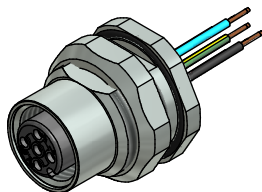


Contact assignment:

- 1) brown
- 2) white
- 3) blue
- 4) black
- 5) green-yellow

Contact assignment:

- 1) white
- 2) brown
- 3) green
- 4) yellow
- 5) grey
- 6) pink
- 7) blue
- 8) red



Technical specification:

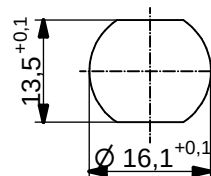
Rated voltage:	4pos	5pos	8pos
IEC 61076-2-101	250 V	60 V	30 V
Current rating:	4/5pos	8pos	
IEC 61076-2-101	4 A at 40°C	2 A at 40°C	
Insulation resistance:	>=100 MΩ		
IEC 60512			
Pollution degree:	3/2		
IEC 60664-1			
Degree of protection:	IP 67, in mated condition		
IEC 60529			
Temperature range:	-30°C ... +80°C		
Mating cycles:	>=100		
IEC 60512-9a			

Materials:

Contact:	CuZn
Contact plating:	Nickel, gold plated
Contact carrier:	PBT GF, UL 94
Sealing connector:	FPM
chassis:	NBR
Counternut:	CuZn, nickel plated
Socket housing:	CuZn, nickel plated
Grouting:	Polyurethane-resin, UL 94

Installation specification:

recommended torque:	1-1,2 Nm
Conec installation tool:	Torque wrench: 36-000200 Insert across flats 19: 36-000250



Minimum wall thickness 1,5mm,
alternativ panel cut-out d=16,1

Part no:	Description:	Pos	Length L:	Wire:
43-01003	SAL - 12 - FKH4 - 0,5	4	0,5m	AWG 24 PVC, UL
43-xxxxx	SAL - 12 - FKH4 - ...	4	x	
43-01004	SAL - 12 - FKH5 - 0,5	5	0,5m	
43-xxxxx	SAL - 12 - FKH5 - ...	5	x	
43-01005	SAL - 12 - FKH8 - 0,5	8	0,5m	
43-xxxxx	SAL - 12 - FKH8 - ...	8	x	

DO NOT ALTER CAD DRAWING BY HAND

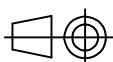
Directive 2002/95/EC RoHS compliant

Index: c 23.11.12 MG Ä4555
Data sheet revised, technical specification changed, materials corrected

tolerance of wire: L ≤ 0,5m: L + 20mm
L > 0,5m: L + 4%

general tolerance: 0 ± 0,50mm
0,0 ± 0,25mm
0,00 ± 0,10mm

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



dim. in mm

	date	name
drawn	20.02.07	Fromm
appd.	01.03.07	Mankopf

CONEC®

title:

**Female socket M12x1 with wire,
backmounting**

dwg no:

43K1A216

part no:

see table

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[43-01004](#) [43-01005](#)