

# Flush-type connector - SACC-E-MINF-3CON-NPT12-547/1,0 - 1420948

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Flush-type connector, 3-position, Socket, straight, 7/8"-16UNF, on free cable end, Front mounting, with 1/2 inch-14 NPT mounting thread, Individual wires, cable length: 1 m, 0.75 mm<sup>2</sup>, PVC litz wire



## Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4055626403557

## Technical data

### Note

Trade restriction	The products are offered exclusively for export outside the EU and the European Economic Area.
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### Dimensions

Length of cable	1 m
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### Ambient conditions

Degree of protection	IP68
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### General

Rated current at 40°C	13 A
Rated voltage	600 V AC
	600 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ
Standards/regulations	7/8-inch connector UL 2238 Suitable for use in Class I, Division 2 Groups A, B, C, D hazardous locations according to ISA standard 12.12.01-2015, section 8.2 and 8.8.3
Status display	No

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## Technical data

### General

Degree of pollution	3
Connection method	Individual wires
Insertion/withdrawal cycles	> 500
Torque	10 lb <sub>F</sub> -in.
	1.12 Nm
Mounting type	Front mounting, with 1/2 inch-14 NPT mounting thread

### Material

Flammability rating according to UL 94	V-0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PVC
Material, knurls	Anodized aluminum

### Cable

Cable type	PVC litz wire
Conductor cross section	0.75 mm <sup>2</sup>
AWG signal line	18
Conductor structure signal line	16 x AWG 30
Core diameter including insulation	1.78 mm
Thickness, insulation	Core insulation
Wire colors	Black 1, brown 2, blue 3
Material conductor insulation	PVC
Standards/specifications	7/8-inch connector UL 2238 Suitable for use in Class I, Division 2 Groups A, B, C, D hazardous locations according to ISA standard 12.12.01-2015, section 8.2 and 8.8.3

### Standards and Regulations

Standards/specifications	7/8-inch connector UL 2238 Suitable for use in Class I, Division 2 Groups A, B, C, D hazardous locations according to ISA standard 12.12.01-2015, section 8.2 and 8.8.3
Flammability rating according to UL 94	V-0

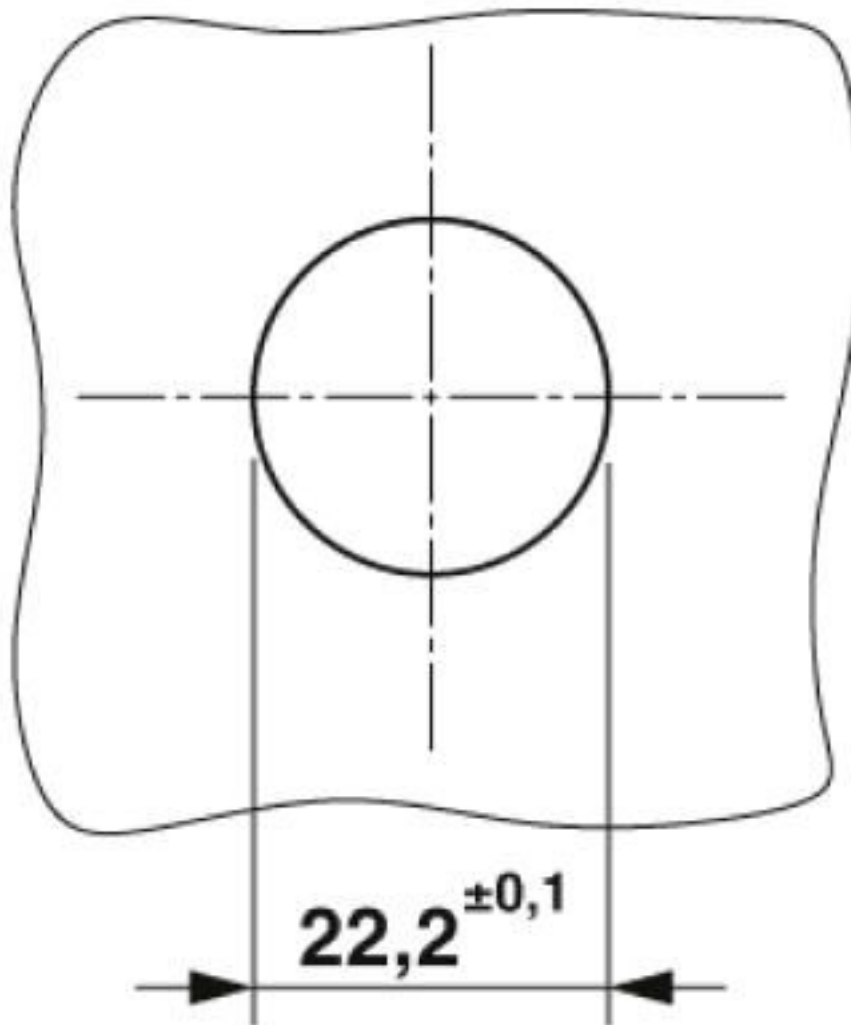
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

# Flush-type connector - SACC-E-MINF-3CON-NPT12-547/1,0 - 1420948

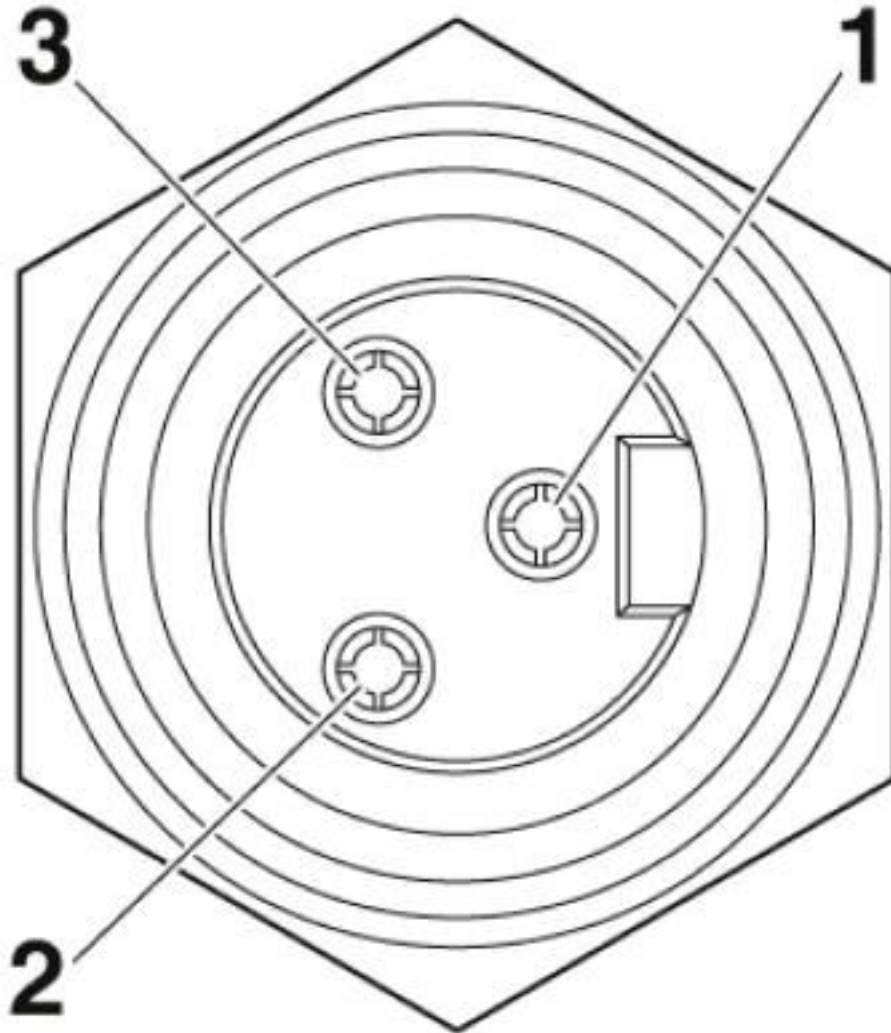
Dimensional drawing



Housing cutout

## Flush-type connector - SACC-E-MINF-3CON-NPT12-547/1,0 - 1420948

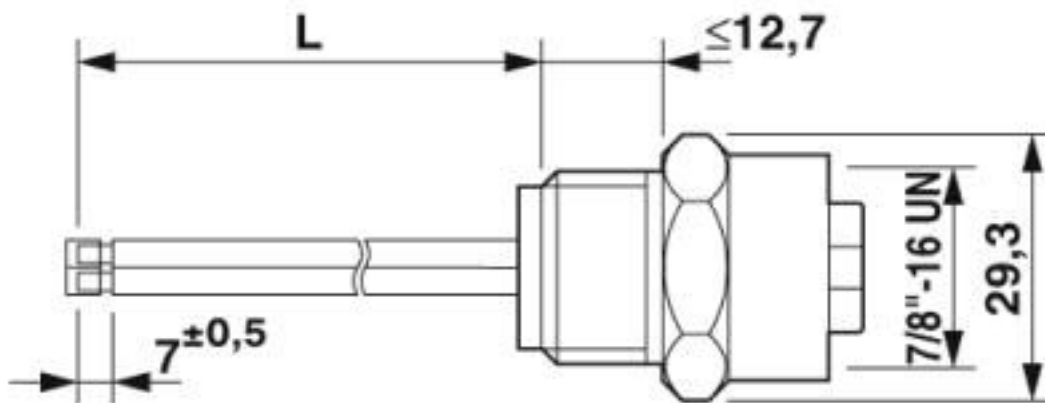
Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 3-pos., view of female side (reference image)

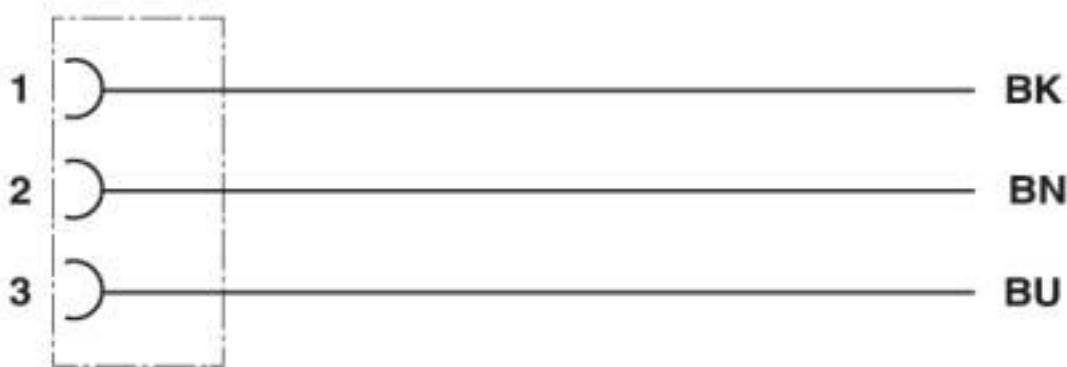
# Flush-type connector - SACC-E-MINF-3CON-NPT12-547/1,0 - 1420948

Dimensional drawing



7/8" flush-type socket

Circuit diagram



Contact assignment of 7/8" socket

## Classifications

eCl@ss

eCl@ss 10.0.1	27440109
eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 9.0	27440103

ETIM

ETIM 3.0	EC002061
ETIM 4.0	EC002062

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## Classifications

### ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / EAC / cULus Listed

#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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EAC		RU C- DE.BL08.B.00511
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cULus Listed	
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## Flush-type connector - SACC-E-MINF-3CON-NPT12-547/1,0 - 1420948

### Accessories

#### Accessories

#### Pressure nut

Lock nut - SACC-1/2 NPT-LOCKNUT - 1020362



Locknut, 1/2 inch-14 NPT thread

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### Seal

Seal - SACC-MIN-SEAL - 1020363



Seal for MINI 7/8-inch panel feed through with 1/2 inch-14 NPT thread

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