

# Flush-type connector - SACC-E-MINM-3CON-NPT12-U50/1,0 - 1417774


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Flush-type connector, 3-position, Plug, straight, 7/8"-16UNF, on free cable end, Front mounting, with 1/2 inch-14 NPT mounting thread, Individual wires, cable length: 1 m



## Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
GTIN	 4 055626 403526
GTIN	4055626403526

## Technical data

### Dimensions

Length of cable	1 m
-----------------	-----

### Ambient conditions

Degree of protection	IP68
----------------------	------

### General

Rated current at 40°C	23.5 A
Rated voltage	600 V AC/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
Degree of pollution	3
Connection method	Individual wires
Insertion/withdrawal cycles	> 500
Torque	10 lb <sub>F</sub> -in.

# Flush-type connector - SACC-E-MINM-3CON-NPT12-U50/1,0 - 1417774

## Technical data

### General

	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	2.5 mm <sup>2</sup>
AWG signal line	14
Conductor structure signal line	41 x AWG 30
Core diameter including insulation	4.5 mm
Thickness, insulation	Core insulation
Wire colors	Green 1, black 2, white 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

Standard designation	7/8-inch connector
Standards/regulations	UL 2238
Flammability rating according to UL 94	V-0

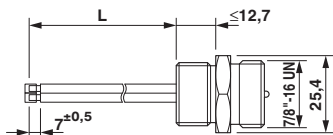
### Environmental Product Compliance

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

## Drawings

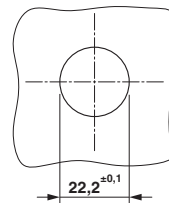
# Flush-type connector - SACC-E-MINM-3CON-NPT12-U50/1,0 - 1417774

Dimensional drawing



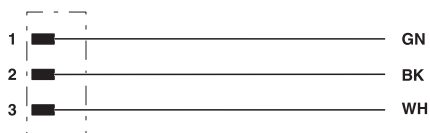
7/8" flush-type plug

Dimensional drawing



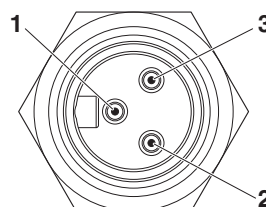
Housing cutout

Circuit diagram



Contact assignment of the 7/8" plug

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 3-pos., view of male side

## Approvals

### Approvals

Approvals

UL Listed / cUL Listed / 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
-----------	--	---	---------------

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
------------	--	---	---------------

## Flush-type connector - SACC-E-MINM-3CON-NPT12-U50/1,0 - 1417774

### Approvals

cULus Listed



Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>