

Flush-type connector - SACC-E-MINF-2CON-NPT12-547/1,0 - 1420947

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, 2-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



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
GTIN	
GTIN	4055626403540

Technical data

Dimensions

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

Ambient conditions

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

General

Rated current at 40°C	13 A
Rated voltage	300 V AC/DC
Number of positions	2
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 _F -in.

Flush-type connector - SACC-E-MINF-2CON-NPT12-547/1,0 - 1420947

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	0.75 mm ²
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	Brown 1, blue 2
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

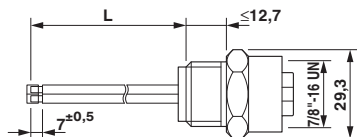
Environmental Product Compliance

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

Drawings

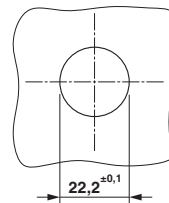
Flush-type connector - SACC-E-MINF-2CON-NPT12-547/1,0 - 1420947

Dimensional drawing



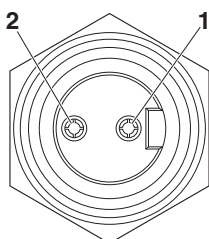
7/8" flush-type socket

Dimensional drawing



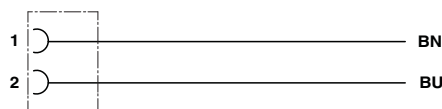
Housing cutout

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 2-pos., view of female side

Circuit diagram



Contact assignment of 7/8" socket

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
-----------	--	---	---------------

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
------------	--	---	---------------

Flush-type connector - SACC-E-MINF-2CON-NPT12-547/1,0 - 1420947

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>