

Flush-type connector - SACC-E-MINF-3CON-NPT12-U50/1,0 - 1420957

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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

RoHS

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	0.010 g
Custom tariff number	85366990
Country of origin	Mexico

Technical data

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	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

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Technical data

General

Insertion/withdrawal cycles	> 500
Torque	10 lb _F -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	2.5 mm ²
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

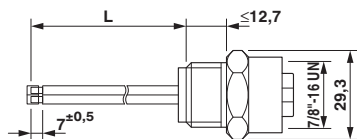
Environmental Product Compliance

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

Drawings

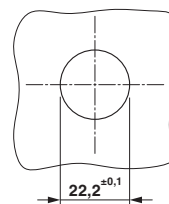
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Dimensional drawing



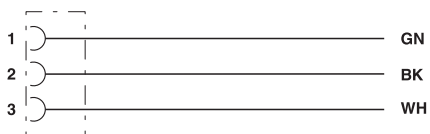
7/8" flush-type socket

Dimensional drawing



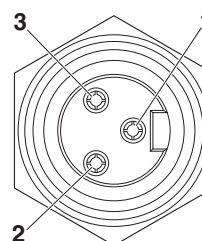
Housing cutout

Circuit diagram



Contact assignment of 7/8" socket

Schematic diagram



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

Classifications

eCl@ss

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
ETIM 5.0	EC002635
ETIM 6.0	EC002061

UNSPSC

UNSPSC 6.01	31251501
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Classifications

UNSPSC

UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

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
cULus Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	

Accessories

Accessories

SACC-1/2 NPT-LOCKNUT - 1020362



Locknut, 1/2 inch-14 NPT thread

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Accessories

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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