

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 pc
GTIN	 4 055626 403595
GTIN	4055626403595
Weight per Piece (excluding packing)	0.010 g
Custom tariff number	85444290
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
	600 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ

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Technical data

General

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.
	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

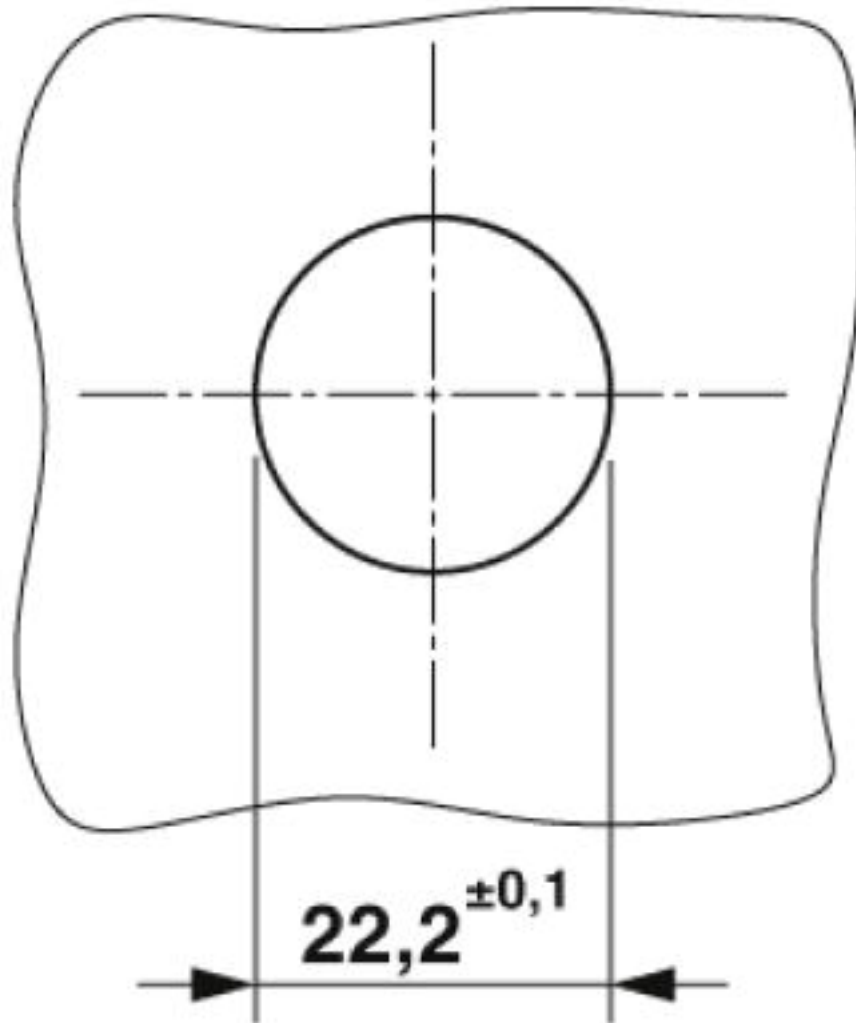
Environmental Product Compliance

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

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Drawings

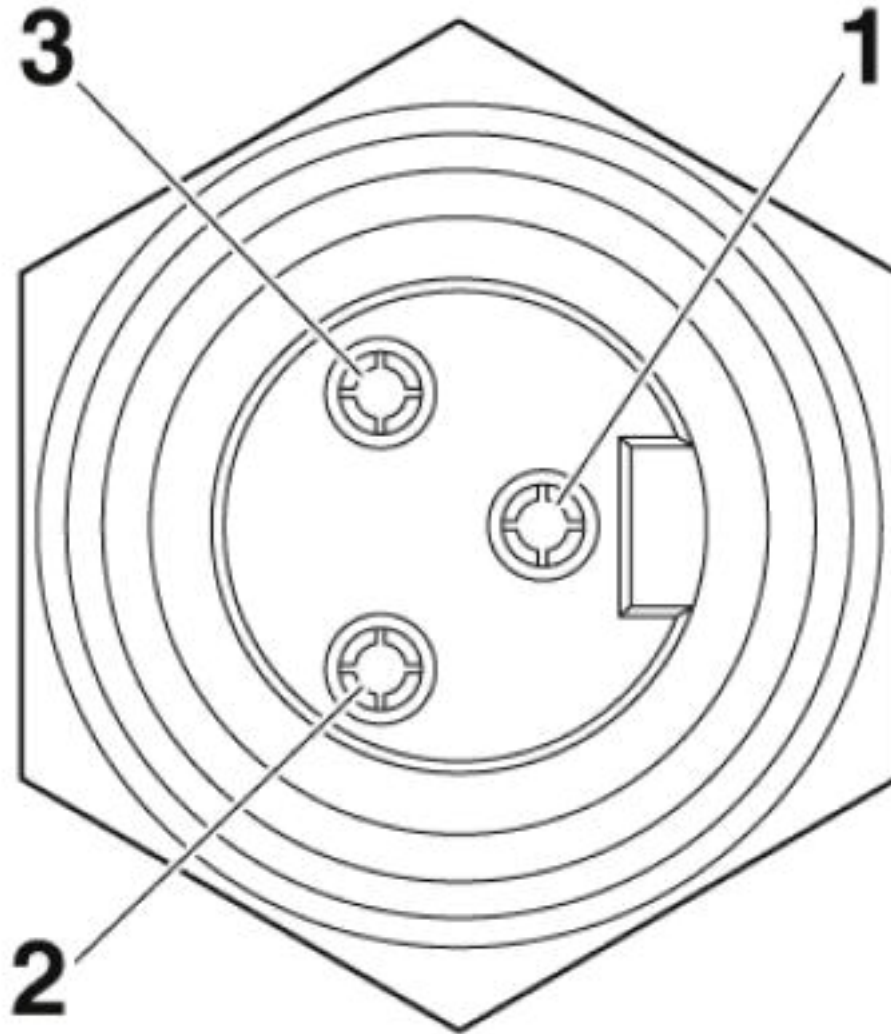
Dimensional drawing



Housing cutout

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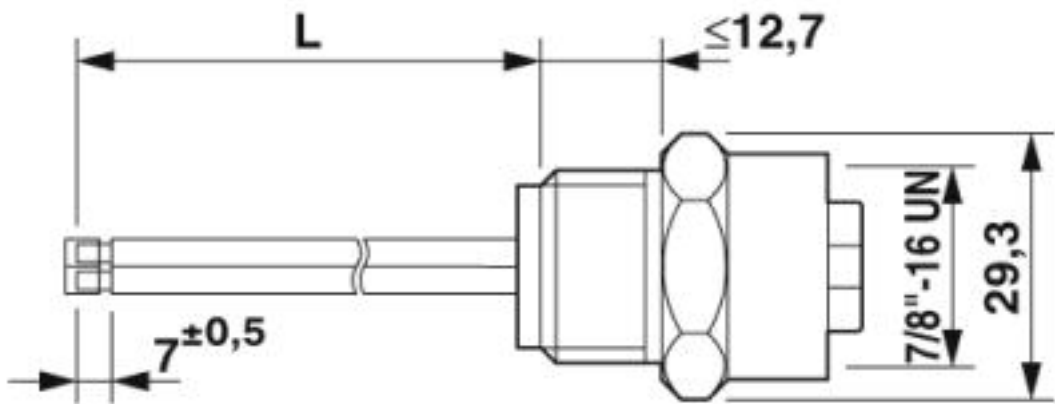
Schematic diagram



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

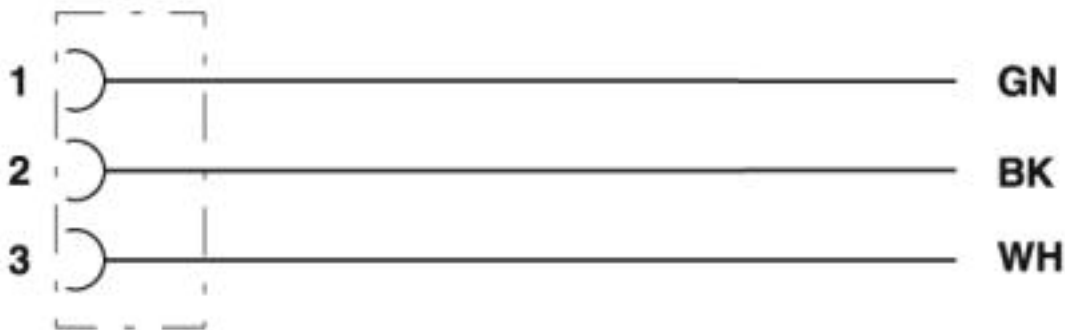
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Dimensional drawing



7/8" flush-type socket

Circuit diagram



Contact assignment of 7/8" socket

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
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Classifications

ETIM

ETIM 4.0	EC002062
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

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

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Accessories

SACC-1/2 NPT-LOCKNUT - 1020362



Locknut, 1/2 inch-14 NPT thread

Seal - SACC-MIN-SEAL - 1020363



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