

Flush-type connector - SACC-E-MINM-3CON-NPT12-547/1,0 - 1417764

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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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 403489
GTIN	4055626403489
Weight per Piece (excluding packing)	60.000 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	13 A
Rated voltage	300 V AC
	300 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	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	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

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

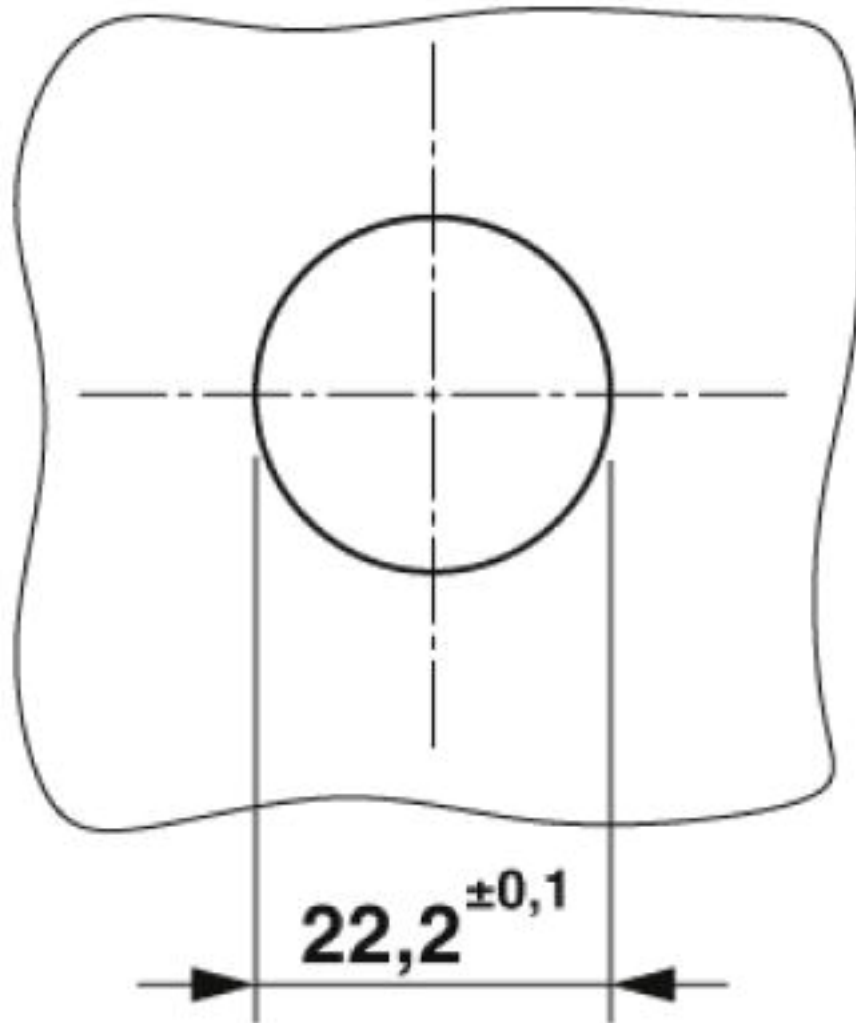
Environmental Product Compliance

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

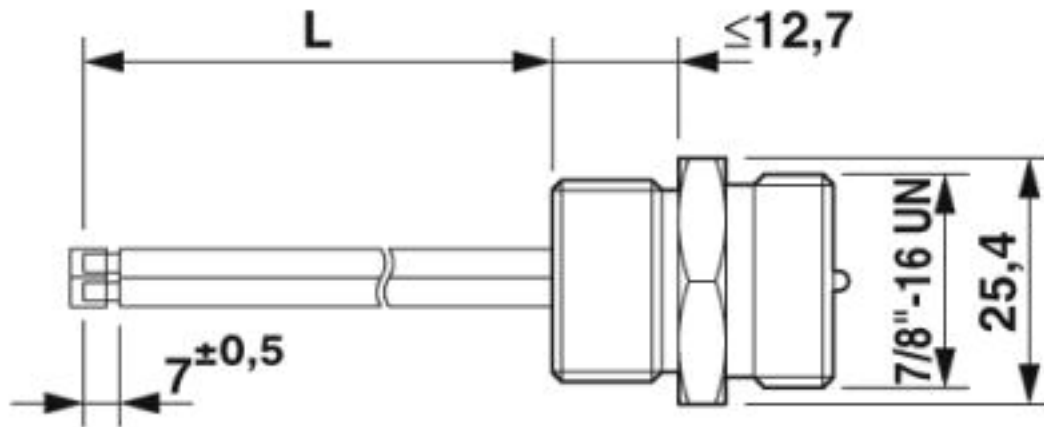
Dimensional drawing



Housing cutout

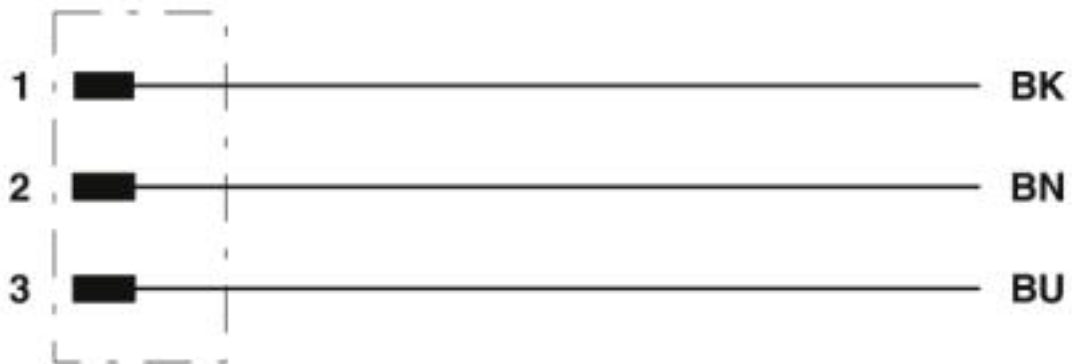
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Dimensional drawing



7/8" flush-type plug

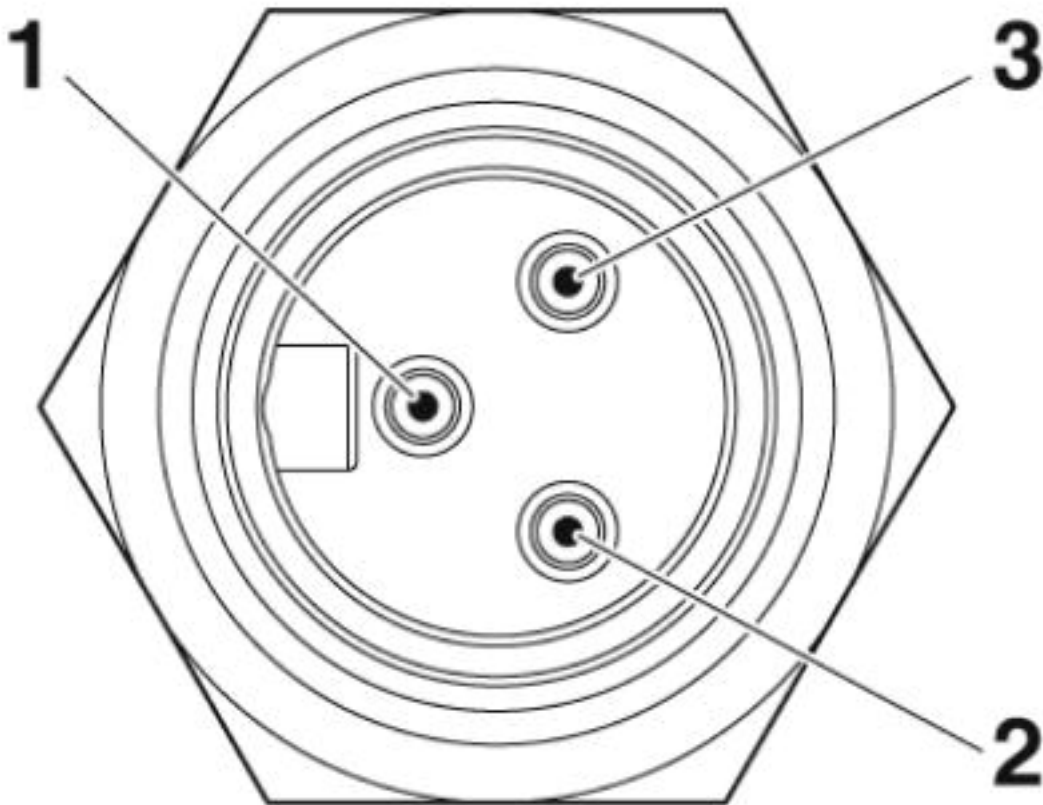
Circuit diagram



Contact assignment of the 7/8" plug

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Schematic diagram



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

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

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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

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
