PHŒNIX CONTACT

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
Minimum order quantity	10 pc
GTIN	4 055626 403595
GTIN	4055626403595

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
	600 V DC
Number of positions	3
Insulation resistance	$\geq$ 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

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Technical data

General

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 mm²
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
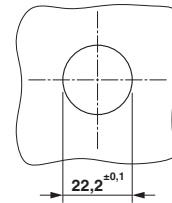
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Dimensional drawing
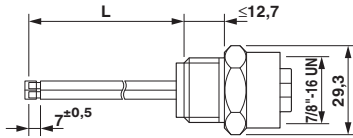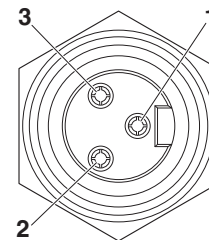

7/8" flush-type socket

Dimensional drawing

Housing cutout

Circuit diagram

1	GN
2	BK
3	WH
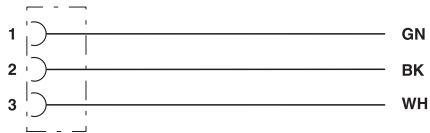
Contact assignment of 7/8" socket

Schematic diagram

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

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

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Approvals

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

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