

Flush-type connector - SACC-E-MINM-5CON-NPT12-U30/1,0 - 1417776

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Flush-type connector, 5-position, PVC/PVC, gray, 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



Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
GTIN	
GTIN	4055626337371

Technical data

Dimensions

Length of cable	1 m
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Ambient conditions

Ambient temperature (operation)	-20 °C ... 80 °C (Plug)
Degree of protection	IP68

General

Rated current at 40°C	4 A
Rated voltage	300 V AC/DC
Number of positions	5
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
Overvoltage category	UL 2238 Section 38
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	CAN Bus/DeviceNet
Cable abbreviation	U30
Cable structure	2xAWG24+2xAWG22+1xAWG22
Conductor cross section	0.25 mm ² (2 x AWG 24 data cable)
	0.34 mm ² (2 x AWG 22 power supply)
	0.34 mm ² (1 x AWG 22 drain wire)
AWG signal line	24
AWG power supply	22
Conductor structure signal line	19 x AWG 36
Conductor structure, voltage supply	19 x AWG 34
Core diameter including insulation	6.6 mm
Wire colors	Red-black, blue-white
Twisted pairs	2 cores to the pair
Type of pair shielding	Plastic-coated aluminum foil, aluminum side outside
Overall twist	2 pairs and one drain wire to the core
Optical shield covering	65 %
External sheath, color	gray
Outer sheath, material	PVC
Material, inner sheath	PVC
Material conductor insulation	PVC (Power supply)
	Foamed PE (Data)
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

Flush-type connector - SACC-E-MINM-5CON-NPT12-U30/1,0 - 1417776

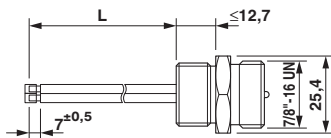
Technical data

Environmental Product Compliance

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

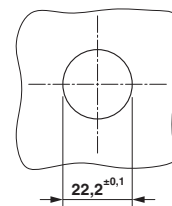
Drawings

Dimensional drawing



7/8" flush-type plug

Dimensional drawing



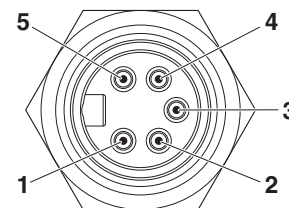
Housing cutout

Circuit diagram



Contact assignment of the 7/8" plug

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 5-pos., view of male side

Approvals

Approvals

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UL Listed / cUL Listed / cULus Listed


Ex Approvals


Approval details

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Approvals

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