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Flush-type connector - SACC-E-MINF-5CON-NPT12-U30/1,0 - 1420960

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DeviceNet™ thin flush-type plug, 5-pos., 7/8", front mounting with 7/8" fastening thread, with 1.0 m PE litz wire

RoHS

Key Commercial Data

Packing unit	1 STK
Custom tariff number	85444290
Country of origin	Mexico

Technical data

Dimensions

Length of cable	1 m

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	$\geq$ 100 MΩ
Standards/regulations	UL 2238
Status display	No
Overvoltage category	UL 2238 Section 38
Connection method	Individual wires
Torque	10 lb_f-in.
	1.12 Nm

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Technical data

General

Mounting type	Front mounting, with 1/2 inch-14 NPT mounting thread 7/8"

Material

Flammability rating according to UL 94	V-0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PVC
Material, knurls	Aluminum

Cable

| Cable type	CAN Bus/DeviceNet
Cable abbreviation	U30
Cable structure	2xAWG24+2xAWG22+1xAWG22
Conductor cross section	2 x AWG 24 data cable
	2 x AWG 22 power supply
	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 conductor insulation	Foamed PE (Data)
	PVC (Power supply)
Standards/specifications	UL 2238

Standards and Regulations

Standards/regulations	UL 2238
Flammability rating according to UL 94	V-0

Drawings

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Dimensional drawing
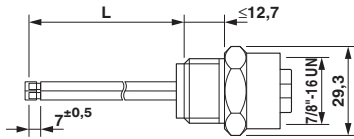
7/8" flush-type socket

Circuit diagram

1	N.C.
2	RD
3	BK
4	WH
5	BU

Contact assignment of 7/8" socket

Schematic diagram
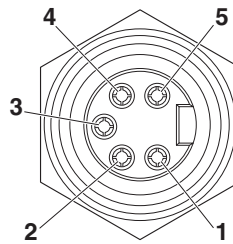
Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side