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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Flush-type connector - SACC-E-MINM-5CON-NPT12-U40/1,0 - 1420959


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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

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
GTIN	 4 055626 341507
GTIN	4055626341507

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	8 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	U40
Cable structure	2xAWG18+2xAWG15+1xAWG18
Conductor cross section	0.75 mm ² (2 x AWG 18 data cable)
	1.75 mm ² (2 x AWG 15 power supply)
	0.75 mm ² (1 x AWG 18 drain wire)
AWG signal line	18
AWG power supply	15
Conductor structure signal line	19 x AWG 30
Conductor structure, voltage supply	19 x AWG 28
Core diameter including insulation	11.43 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-U40/1,0 - 1420959

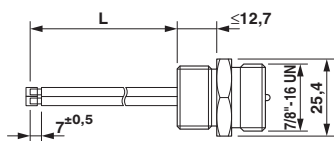
Technical data

Environmental Product Compliance

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

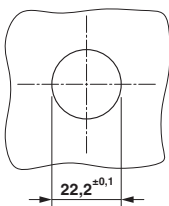
Drawings

Dimensional drawing



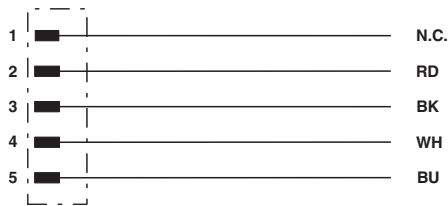
7/8" flush-type plug

Dimensional drawing



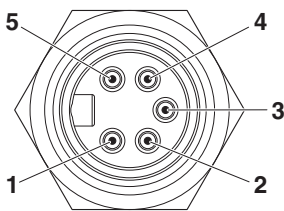
Housing cutout

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

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

Flush-type connector - SACC-E-MINM-5CON-NPT12-U40/1,0 - 1420959

Approvals

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

cULus Listed



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