Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

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Bus system cable - SAC-5P- 2,0-U30/MINFR - 1416683

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Bus system cable, DeviceNet™, 5-position, PVC, gray, free cable end, on Socket angled 7/8"-16UNF, cable length: 2 m

DeviceNet

Key Commercial Data

Packing unit	1 STK
GTIN	4 055626 219387
GTIN	4055626219387

Technical data

Dimensions

Length of cable	2 m

Ambient conditions

Ambient temperature (operation)	-20 °C ... 75 °C (Plug / socket)
Degree of protection	IP68

General

Rated current at 40°C	4 A
Rated voltage	600 V AC
	600 V DC
Number of positions	5
Color handle area	gray
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Signal type/category	DeviceNet™
Status display	No
Protective circuit/component	Unwired
Torque	10 lb_f-in.
	1.12 Nm

Material

Contact material	CuZn

Bus system cable - SAC-5P- 2,0-U30/MINFR - 1416683

Technical data

Material

Contact surface material	Au
Contact carrier material	PVC
Material of grip body	PVC
Material, knurls	Anodized aluminum

Cable

Cable type	CAN Bus/DeviceNet drop cable
Cable abbreviation	U30
Cable structure	2xAWG24+2xAWG22+1xAWG18
Conductor cross section	2 x AWG 24 data cable
	2 x AWG 22 power supply
	1 x AWG 18 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
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 around a drain wire in the center to the core
Shielding	Tinned copper braided shield
Optical shield covering	65 %
External sheath, color	gray
External cable diameter D	6.6 mm
Outer sheath, material	PVC
Material conductor insulation	Foamed PE
	PVC (Power supply)
Conductor material	Tin-plated Cu litz wires
Flame resistance	UL 1581, FT4
Resistance to oil	OIL RES I according to UL 2256
Other resistance	UV resistant (720 h) UL 2556
Ambient temperature (operation)	-20 °C ... 75 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

Standards and Regulations

Flame resistance	UL 1581, FT4
Resistance to oil	OIL RES I according to UL 2256
Other resistance	UV resistant (720 h) UL 2556

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50

Bus system cable - SAC-5P- 2,0-U30/MINFR - 1416683

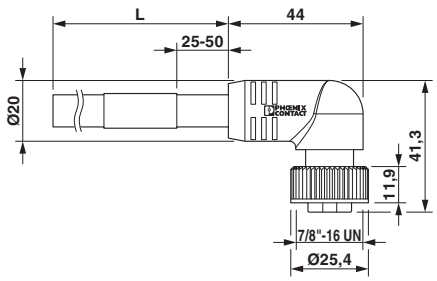
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

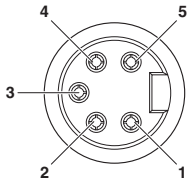
Drawings

Dimensional drawing



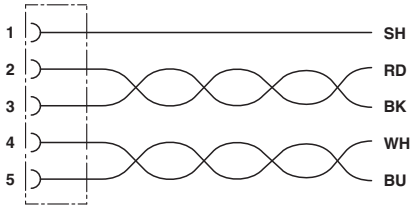
7/8"-16UNF socket, angled

Schematic diagram



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

Circuit diagram



Contact assignment of 7/8" socket

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