

## Bus system cable - SAC-5P- 2,0-U40/MINFS - 1416669


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



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 219325
GTIN	4055626219325
Weight per Piece (excluding packing)	1.000 g
Custom tariff number	85444290
Country of origin	Mexico

### Technical data

#### Dimensions

Length of cable	2 m
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#### Ambient conditions

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

#### General

Rated current at 40°C	8 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™

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### Technical data

#### General

Status display	No
Protective circuit/component	unwired
Torque	10 lb <sub>f</sub> -in.
	1.12 Nm

#### Material

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

#### Cable

Cable type	DeviceNet trunk cable
Cable abbreviation	U40
Cable structure	2xAWG18+2xAWG15+1xAWG18
Conductor cross section	2 x AWG 18 data cable
	2 x AWG 15 power supply
	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
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	11.43 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

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## Technical data

### Cable

Ambient temperature (operation)	-20 °C ... 75 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

### Standards and Regulations

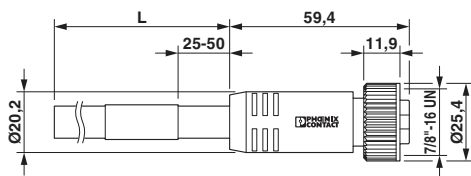
Flame resistance	UL 1581, FT4
Resistance to oil	OIL RES I according to UL 2256
Other resistance	UV resistant (720 h) UL 2556

### Environmental Product Compliance

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

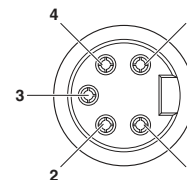
## Drawings

Dimensional drawing



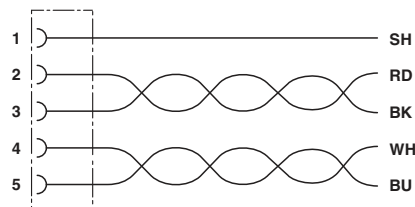
7/8"-16UNF socket, straight

Schematic diagram



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

Circuit diagram



Contact assignment of 7/8" socket

## Classifications

eCl@ss

eCl@ss 5.1	19030300
eCl@ss 6.0	27279200

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## Classifications

### eCl@ss

eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311

### ETIM

ETIM 5.0	EC001855
ETIM 6.0	EC001855
ETIM 7.0	EC001855

### UNSPSC

UNSPSC 13.2	26121604
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## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / EAC / cULus Listed

#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
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EAC		RU C- DE.AI30.B.00767
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### Approvals

cULus Listed

