

Power cable - SAC-5P-10,0-441/MINFR PWR - 1419810

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Power cable, 5-position, PUR, gray RAL 7001, free cable end, on Socket angled 7/8"-16UNF, cable length: 10 m, 2.5 mm² conductor cross section, For power supply

Why buy this product

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ Robust connectors in size 7/8"-16UNF
- ✓ High-performance: connectors and cables with a large conductor cross section for power supply

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 537568
GTIN	4046356537568

Technical data

Dimensions

Length of cable	10 m
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °C (Plug / socket)
Degree of protection	IP65
	IP67
	IP68

General

Rated current at 40°C	13 A
Rated voltage	600 V AC
	600 V DC
Rated surge voltage	4000 V
Number of positions	5

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Technical data

General

Color handle area	black
Insulation resistance	≥ 10 MΩ
Coding	A - standard
Status display	No
Protective circuit/component	Unwired
Overvoltage category	II
Degree of pollution	3
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 class 5
Insertion/withdrawal cycles	100

Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	AU
Contact carrier material	PA 6.6
Material of grip body	TPU
Material, knurls	Zinc die-cast, nickel-plated

Cable

Cable type	PUR/PVC gray
Cable abbreviation	11Y-JZ
Conductor cross section	2.5 mm²
AWG signal line	14
Wire colors	Black 1, black 2, black 3, black 4, green/yellow
Overall twist	5 cores, twisted
External sheath, color	gray RAL 7001
External cable diameter	10.80 mm
Smallest bending radius, fixed installation	81 mm
Smallest bending radius, movable installation	162 mm
Cable weight	195 kg/km
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires
Flame resistance	in acc. to UL VW1
	IEC 60332-1-2
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	5 °C ... 90 °C (cable, flexible installation)

Standards and Regulations

Flame resistance	in acc. to UL VW1
	IEC 60332-1-2
Flammability rating according to UL 94	HB

Environmental Product Compliance

Power cable - SAC-5P-10,0-441/MINFR PWR - 1419810

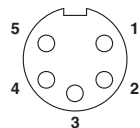
Technical data

Environmental Product Compliance

REACH SVHC	DOTE 15571-58-1
	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

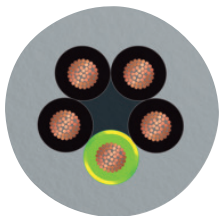
Drawings

Schematic diagram



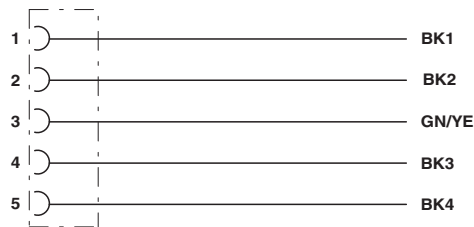
Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

Cable cross section



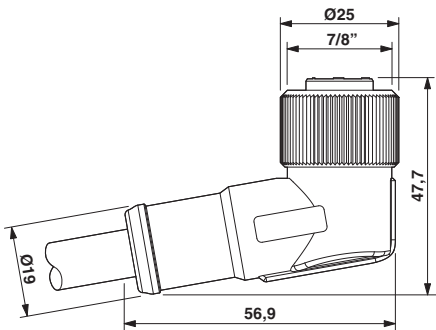
PUR/PVC gray [441]

Circuit diagram



Contact assignment of 7/8" socket

Dimensional drawing



7/8"-16UNF socket, angled

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / 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
Nominal voltage UN		600 V	
Nominal current IN		13 A	

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal voltage UN		600 V	
Nominal current IN		13 A	

EAC		EAC-Zulassung
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cULus Listed	
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