

Power cable - SAC-5P-10,0-441/MINFS PWR - 1443941

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

Your advantages

- ✓ 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 pc
GTIN	
GTIN	4046356537513

Technical data

Dimensions

Length of cable	10 m
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Ambient conditions

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

General

Rated current at 40°C	13 A
Rated voltage	63 V DC
Rated surge voltage	4000 V
Number of positions	5
Color handle area	black

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Technical data

General

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

Standards and Regulations

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

Cable

Cable type	PUR/PVC gray
Cable type (abbreviation)	441
UL AWM style	20234 (80 °C / 600 V)
Conductor cross section	5x 2.5 mm²
AWG signal line	14
Conductor structure, voltage supply	50x 0.25 mm
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 D	10.8 mm ±0.2 mm
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	15 x D
Cable weight	195 kg/km
Outer sheath, material	PUR
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Conductor resistance	7.98 Ω/km
Nominal voltage, cable	500 V AC
Test voltage, cable	4000 V AC

Power cable - SAC-5P-10,0-441/MINFS PWR - 1443941

Technical data

Cable

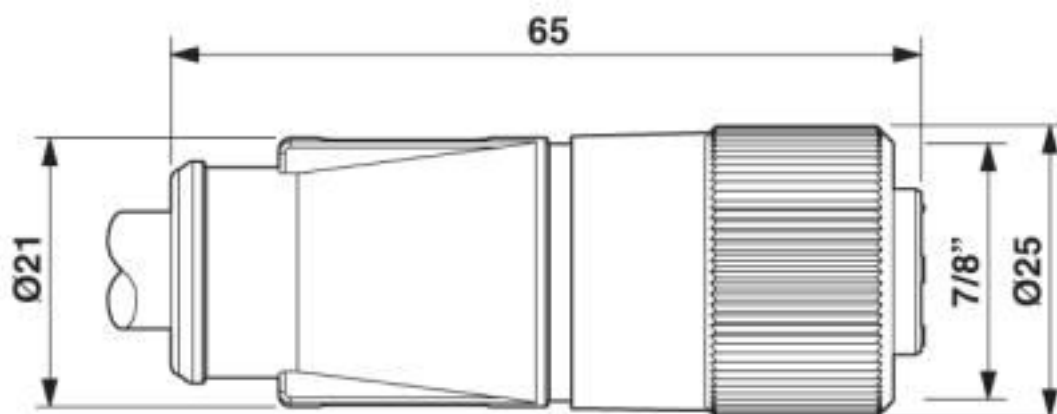
Flame resistance	according to EN 60332-1-2
	in acc. to UL VW1
	According to CSA FT1
Resistance to oil	According to HD 22.10
	according to VDE 0282 Part 10
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	5 °C ... 90 °C (cable, flexible installation)

Environmental Product Compliance

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

Drawings

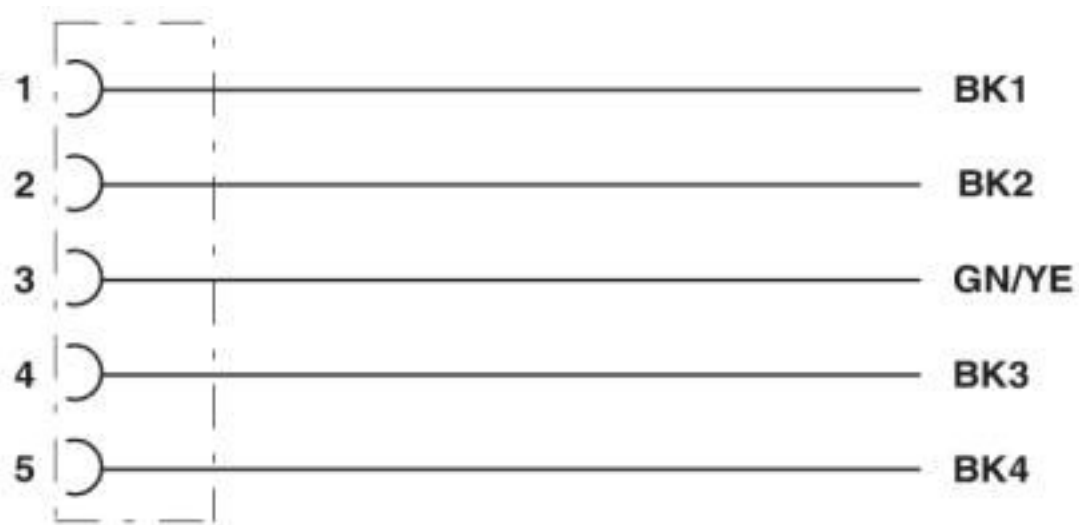
Dimensional drawing



7/8"-16UNF socket, straight

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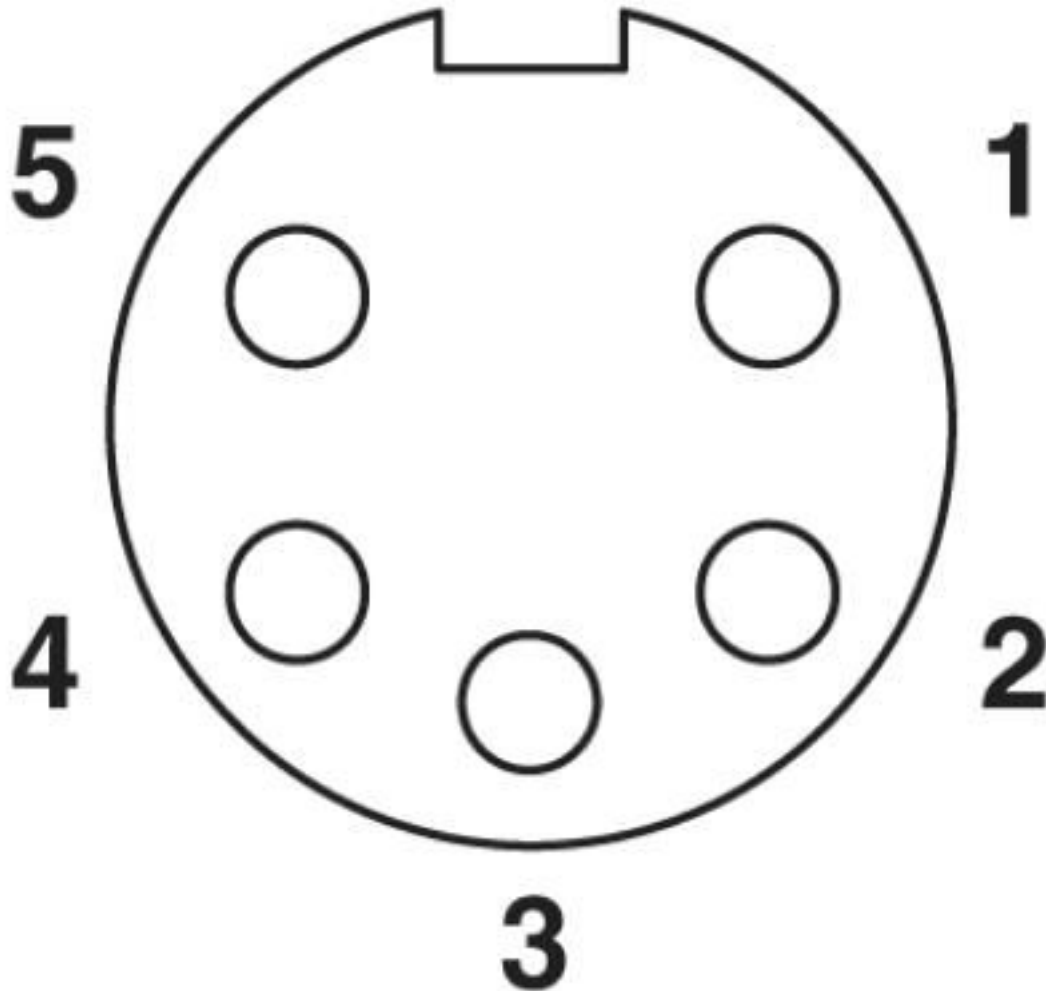
Circuit diagram



Contact assignment of 7/8" socket

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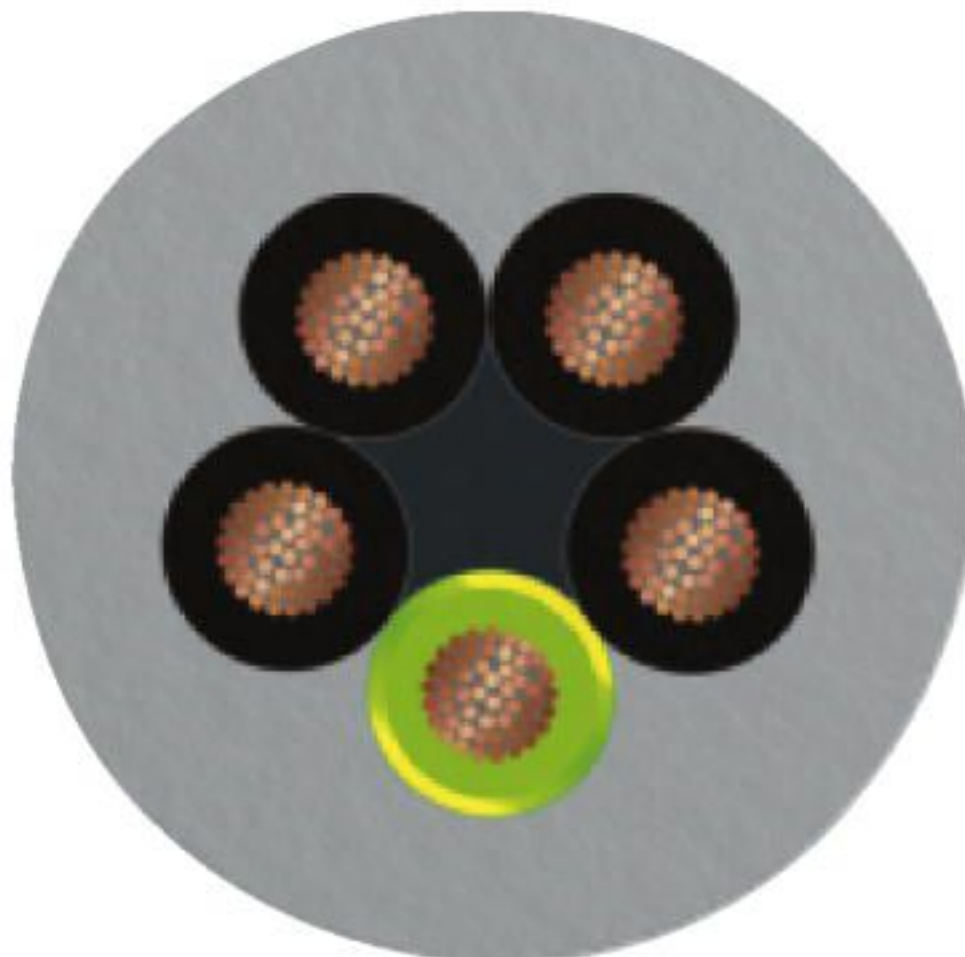
Schematic diagram



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

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Cable cross section



PUR/PVC gray [441]

Classifications

eCl@ss

eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060311