

Power cable - SAC-3P-MINMR/ 1,0-U20/MINFR - 1416510

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Power cable, 3-position, PVC, yellow, Plug angled 7/8"-16UNF, A - standard, on Socket angled 7/8"-16UNF, Cable length: 1 m

Why buy this product

- ✓ Easy and safe: 100% electrically tested plug-in components
- ✓ High-performance: connectors and cables with a large conductor cross section for power supply

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 222950
GTIN	4055626222950

Technical data

Dimensions

Length of cable	1 m
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Ambient conditions

Ambient temperature (operation)	-20 °C ... 105 °C (Plug / socket)
Degree of protection	IP68

General

Rated current at 40°C	13 A
Rated voltage	600 V
Number of positions	3
Insulation resistance	≥ 100 MΩ
Status display	No
Protective circuit/component	Unwired
Insertion/withdrawal cycles	100
Torque	10 lb _r -in.

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Technical data

General

	1.12 Nm
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Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	AU
Contact carrier material	PVC
Material of grip body	PVC
Material, knurls	Anodized aluminum

Cable

Cable type	Yellow, STOOW
Cable abbreviation	U20
AWG signal line	16
Conductor cross section signal conductor	3 x AWG 16
Conductor cross section voltage supply	65 x AWG 32
Wire colors	Green 1, black 2, white 3
External sheath, color	yellow
External cable diameter	10.40 mm
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	12.5 x D
Outer sheath, material	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	600 V
Flame resistance	UL 1581, FT2
Resistance to oil	Premium oil resistance (jacket and conductor)
Other resistance	UV resistant (720 h) UL 2556

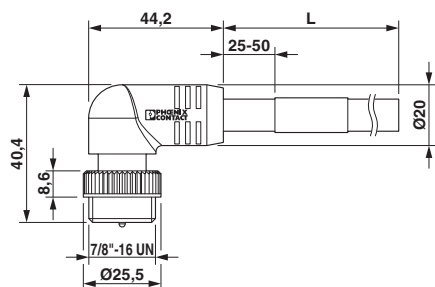
Standards and Regulations

Resistance to oil	Premium oil resistance (jacket and conductor)
Flame resistance	UL 1581, FT2
Other resistance	UV resistant (720 h) UL 2556
Flammability rating according to UL 94	V0

Drawings

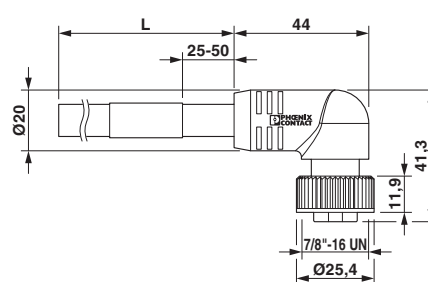
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Dimensional drawing



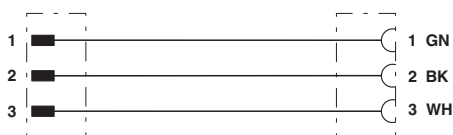
7/8"-16UNF plug, angled

Dimensional drawing



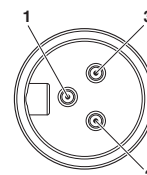
7/8"-16UNF socket, angled

Circuit diagram



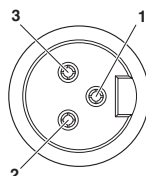
Contact assignment of 7/8" plugs/sockets

Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 3-pos., view of male side

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 3-pos., view of female side