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Patch cable - NBC-R4ACR/1,0-93B/R4ACR - 1409002

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PROFINET patch cable, shielded, star-quad, 22 AWG stranded (7-wire), green, angled RJ45 male connector/IP20 to angled RJ45 male connector/IP20, length: 1.0 m

PROFINET patch cable



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 857178
GTIN	4046356857178
Sales Key	ABNAEG

Technical data

Dimensions

Length of cable	1 m
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Ambient conditions

Degree of protection	IP20 (RJ45 connector)
Ambient temperature (operation)	-25 °C ... 80 °C (RJ45 connector)

General data

Rated current at 40°C	1 A
Rated voltage	50 V
Number of positions	4
Signal type/category	PROFINET CAT5 (IEC 11801), 100 Mbps
	EtherCAT® CAT5 (IEC 11801), 100 Mbps
Overvoltage category	I
Degree of pollution	1
	1

Characteristics head 1

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Technical data

Characteristics head 1

Head type	Plug angled RJ45 / IP20
No. of positions (pin connector pattern)	4 (8)
Color	black
Material (component)	CuSn (Contact)
	Ni/Au (Contact surface)
	PA (Contact carriers)
	PA (Housing)
Insertion/withdrawal cycles	≥ 750
Ambient temperature (operation)	-25 °C ... 80 °C

Characteristics head 2

Head type	Plug angled RJ45 / IP20
No. of positions (pin connector pattern)	4 (8)
Color	black
Material (component)	CuSn (Contact)
	Ni/Au (Contact surface)
	PA (Contact carriers)
	PA (Housing)
Insertion/withdrawal cycles	≥ 750
Ambient temperature (operation)	-25 °C ... 80 °C

Standards and Regulations

Flammability rating according to UL 94	V2
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Cable

Signal type/category	PROFINET CAT5 (IEC 11801:2002)
Cable structure	1x4xAWG22/7; SF/TQ
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	approx. 1.5 mm
Wire colors	White, yellow, blue, orange
External sheath, color	green RAL 6018
Smallest bending radius, fixed installation	60 mm
Smallest bending radius, movable installation	30 mm
Outer sheath, material	PVC
Conductor material	Tin-plated Cu litz wires
Wave impedance	100 Ω ±15 Ω (at 1 ... 100 MHz)

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.00767
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