

# NBC-R4AC/3,0-UTP GY/R4AC - Network cable



1413019

<https://www.phoenixcontact.com/pc/products/1413019>

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Network cable, degree of protection: IP20, cable length: 3 m, number of positions: 8, 1 Gbps, CAT5, cable outlet: straight, Ethernet

## Your advantages

- Perfect for industrial applications
- Perfect for office, building, and protected industrial applications (e.g., in control cabinets)
- Compact angle

## Commercial Data

Item number	1413019
Packing unit	1 pc
Minimum order quantity	100 pc
Note	Made to Order (non-returnable)
Product Key	ABNABM
GTIN	4046356981491
Weight per Piece (including packing)	75.85 g
Weight per Piece (excluding packing)	75.85 g
Customs tariff number	85444210
Country of origin	CN

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## Technical Data

### Product properties

Product type	Data cable preassembled
Number of positions	8
Number of slots	1
Shielded	no
Cable outlet	straight

### Signaling

Status display	No
Status display present	No

### Electrical properties

Rated voltage (III/3)	72 V (DC)
Nominal voltage $U_N$	48 V
Nominal current $I_N$	1 A
Transmission medium	Copper
Transmission speed	1 Gbps

### Material specifications

Flammability rating according to UL 94	V0
Outer sheath, material	PVC

### Connector

#### Connection 1

Type	Plug straight RJ45
Handle color	gray
Material	CuSn (Contact)
	Au (Contact surface)
	PVC (Housing)
Insertion/withdrawal cycles	≥ 750
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 80 °C

#### Connection 2

Type	Plug straight RJ45
Handle color	gray
Material	CuSn (Contact)
	Au (Contact surface)
	PVC (Housing)
Insertion/withdrawal cycles	≥ 750
Ambient temperature (operation)	-25 °C ... 80 °C

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## Cable/line

Cable length	3.00 m
Cable type	Ethernet
Cable structure	4x2xAWG24/7; UTP
External cable diameter	5.40 mm
Outer sheath, material	PVC
External sheath, color	gray
Single wire, color	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Conductor structure signal line	7x 0.20 mm
AWG signal line	24

## Environmental and real-life conditions

### Ambient conditions

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

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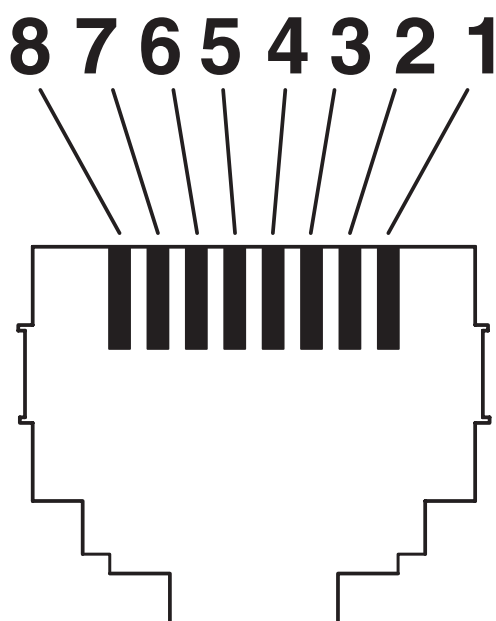
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## Drawings

### Schematic diagram



Connector pin assignment plug RJ45

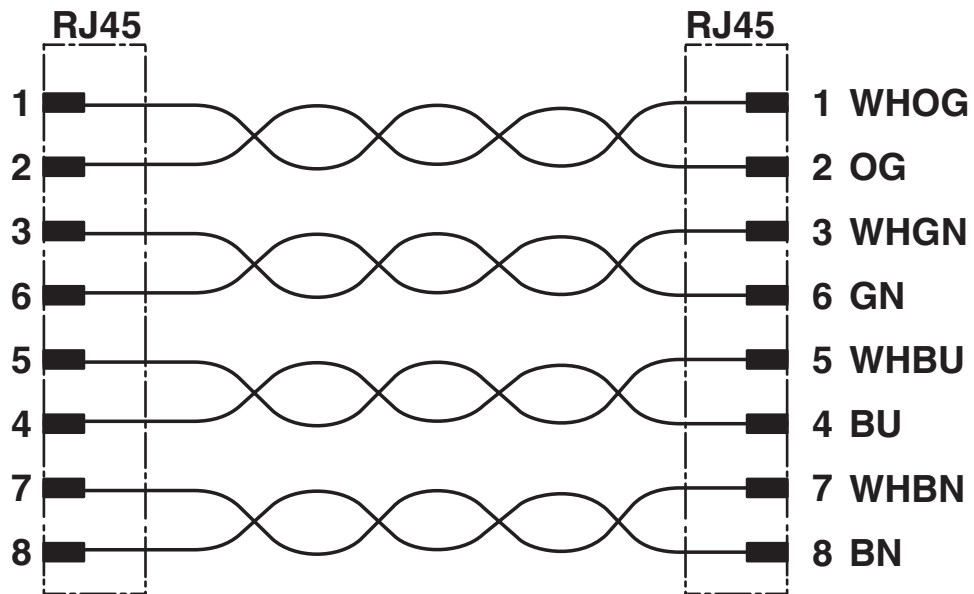
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Circuit diagram



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## Approvals



**EAC**

Approval ID: 19060508



**EAC**

Approval ID: B.00385/20

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## Classifications

### ECLASS

ECLASS-11.0	27060308
ECLASS-12.0	27060308
ECLASS-13.0	27060308

### ETIM

ETIM 8.0	EC001031
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### UNSPSC

UNSPSC 21.0	31261500
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## Environmental Product Compliance

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