NBC-R4AC/25,0-UTP GY/R4AC - Patch cable

1412975

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Patch cable, Ethernet CAT5 (1 Gbps), 8-position, PVC, gray, Plug straight RJ45 / IP20, on Plug straight RJ45 / IP20, cable length: 25 m

Your advantages

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

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	1412975
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNABM
GTIN	4046356980098
Weight per piece (including packing)	521.8 g
Weight per piece (excluding packing)	521.8 g
Customs tariff number	85444210
Country of origin	CN

Technical data

Product properties

Product type	Data cable preassembled
Product family	RJ45 BASIC IE8 CAT5
Number of positions	8
Number of slots	1
Shielded	no
Cable outlet	straight

Interfaces

Signal type/category	Ethernet CAT5 (IEC 11801:2002), 1 Gbps

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	up to 1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)

Material specifications

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

Connector

Connection 1

Type	Plug straight RJ45 / IP20
Number of positions	8 (8)
Shielded	yes
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 / IP20

Number of positions	8 (8)
Shielded	yes
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

Cable/line

Cable length	25 m

Ethernet, CAT5, 4-pair, UTP [UTP]

Number of positions	8
Shielded	no
Cable type	Ethernet, CAT5, 4-pair, UTP [UTP]
Conductor structure	4 x 2 x AWG 24/7, UTP
AWG signal line	24
Outer sheath, material	PVC
External sheath, color	gray

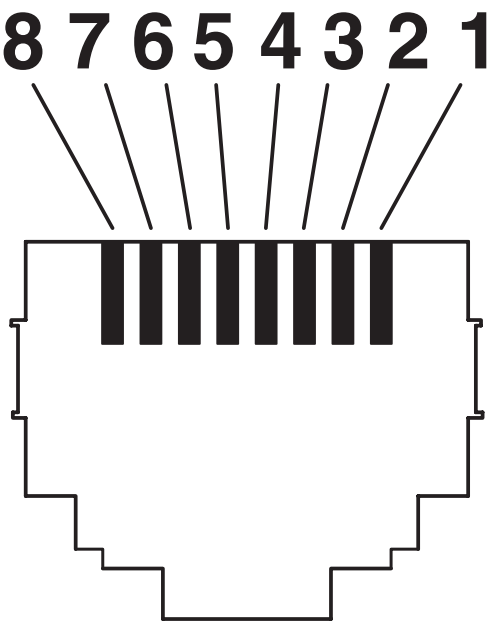
Environmental and real-life conditions

Ambient conditions

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

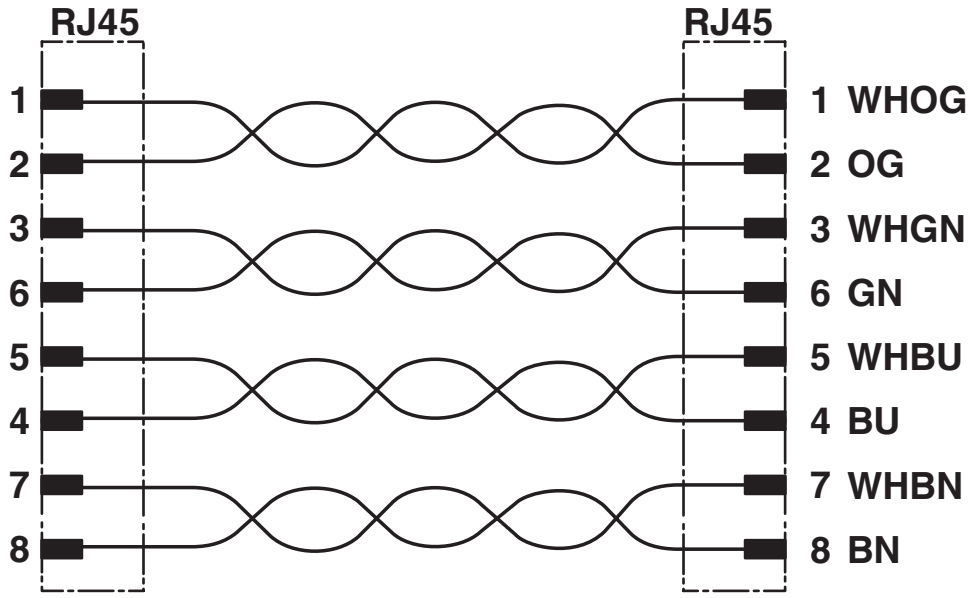
Drawings

Schematic diagram



Connector pin assignment plug RJ45

Circuit diagram



Contact assignment of RJ45 plugs

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1412975

EAC
Approval ID: 19060508

Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

ETIM

ETIM 10.0	EC002599

UNSPSC

UNSPSC 21.0	26121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	3.838 kg CO2e

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