

NBC-M12MSD/ 3,0-93K/R4AC - Network cable



1298343

<https://www.phoenixcontact.com/us/products/1298343>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Network cable, shielded, Plug straight M12, coding: D, on Plug straight RJ45 / IP20, cable length: 3 m

Commercial data

Item number	1298343
Packing unit	1 pc
Minimum order quantity	50 pc
Note	Made to order (non-returnable)
Product key	AF1CJO
GTIN	4063151537920
Weight per piece (including packing)	231.3 g
Weight per piece (excluding packing)	231 g
Country of origin	PL

NBC-M12MSD/ 3,0-93K/R4AC - Network cable



1298343

<https://www.phoenixcontact.com/us/products/1298343>

Technical data

Product properties

Product type	Data cable preassembled
Shielded	yes
Coding	D

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	1 A

Material specifications

Outer sheath, material	PVC
------------------------	-----

Connector

Connection 1

Type	Plug straight M12
Coding type	D (Data)
Material	CuZn (Contact)
	Ni/Au (Contact surface)
	PA (Contact carrier)
	TPU, hardly inflammable, self-extinguishing (Grip body)
	Zinc die-cast, nickel-plated (Screw connection)
Insertion/withdrawal cycles	≥ 100
Tightening torque	0.4 Nm
Ambient temperature (operation)	-25 °C ... 90 °C

Connection 2

Type	Plug straight RJ45 / IP20
Number of positions	4 (8)
Material	CuSn (Contact)
	Ni/Au (Contact surface)
	PC (Contact carrier)
	PA (Housing)
Degree of protection	IP20

Cable/line

Cable length	3 m
Outer sheath, material	PVC
External sheath, color	signal red RAL 3020
Material, inner sheath	PVC

Environmental and real-life conditions

NBC-M12MSD/ 3,0-93K/R4AC - Network cable



1298343

<https://www.phoenixcontact.com/us/products/1298343>

Ambient conditions

Degree of protection	IP65
	IP67
	IP20

NBC-M12MSD/ 3,0-93K/R4AC - Network cable



1298343

<https://www.phoenixcontact.com/us/products/1298343>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1298343>

 UL Listed Approval ID: FILE E 335024				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	60 V	0.5 A	-	-

 cUL Listed Approval ID: FILE E 335024				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	60 V	0.5 A	-	-

NBC-M12MSD/ 3,0-93K/R4AC - Network cable



1298343

<https://www.phoenixcontact.com/us/products/1298343>

Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27060307

ETIM

ETIM 10.0	EC001855
-----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

NBC-M12MSD/ 3,0-93K/R4AC - Network cable



1298343

<https://www.phoenixcontact.com/us/products/1298343>

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	4.764 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com