

Cable connector - RF-12P2N8A80DU - 1607252

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Cable connector, straight, Screw locking, M23, Number of positions: 12, Type of contact: Male connector, Crimp connection, Shielded: Yes, Cable diameter: 5 mm...13.2 mm

The figure shows the product version with standard contact chamber numbering



Key commercial data

Packing unit	20 pc
GTIN	 4 046356 174770
Weight per Piece (excluding packing)	100.47 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Counter direction
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	12
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Conductor entry	5 mm ... 13.2 mm

Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

Material

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Technical data

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	2.5 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002641

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

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Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized	
mm ² /AWG/kcmil	20
Nominal current I _N	5 A
Nominal voltage U _N	125 V

cUL Recognized	
mm ² /AWG/kcmil	20
Nominal current I _N	5 A
Nominal voltage U _N	125 V

cULus Recognized	
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Accessories

Accessories

Mounting material

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

Cable connector - RF-12P2N8A80DU - 1607252

Accessories

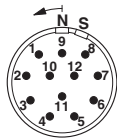
Hook wrench - SF-Z0027 - 1607455



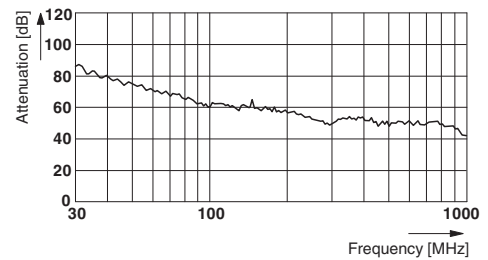
Hook wrench

Drawings

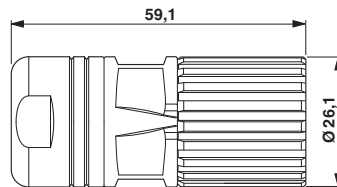
Schematic diagram



Diagram



Dimensioned drawing



RF-12(17)...N8A80DU