

Cable connector - RF-12P2N8A80DU - 1607252

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Cable connector, straight, Screw locking, M23, number of positions: 12, type of contact: Pin, Crimp connection, shielded: yes, cable diameter range: 5 mm ... 13.2 mm

The figure shows the product version with standard contact chamber numbering

RoHS

Key Commercial Data

Packing unit	20 pc
GTIN	 4 046356 174770
GTIN	4046356174770

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	Pin
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
Pg housing screw connection	none

Ambient conditions

Ambient temperature	-40 °C ... 125 °C
Degree of protection	IP67

Material

Cable connector - RF-12P2N8A80DU - 1607252

Technical data

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 6.6
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

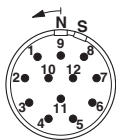
Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	2.5 kV
Overvoltage category of power contacts	III
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	III
Degree of pollution of signal contacts	3

Environmental Product Compliance

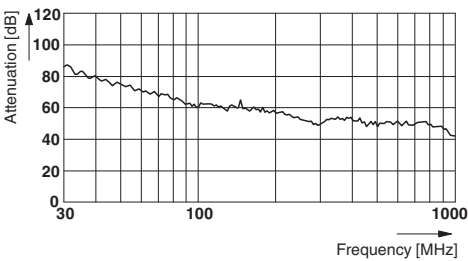
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

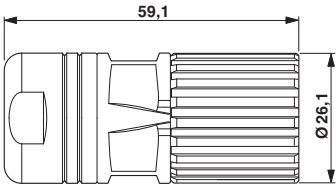
Schematic diagram



Diagram



Dimensional drawing



RF-12(17)...N8A80DU

Approvals

Approvals

Cable connector - RF-12P2N8A80DU - 1607252

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 153698
Nominal voltage UN	125 V			
Nominal current IN	5 A			
mm²/AWG/kcmil	20			

cUL Recognized			http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 153698
Nominal voltage UN		125 V		
Nominal current IN		5 A		
mm²/AWG/kcmil		20		

EAC		B.01742
-----	---	---------

cULus Recognized	
------------------	---