


# RF-12P1N8A90DU

Order No.: 1607231



<http://catalog.phoenixcontact.net/phoenix/treeViewClick.do?UID=1607231>

Coupler 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

Commercial data	
EAN	 4 046356 174794
Note	Made-to-order
sales group	D300
Pack	20 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.098385 KG
Net weight per piece	0.03048 KG
Catalog page information	Page 78 (PC-2011)

#### Product notes

WEEE/RoHS-compliant since: 01/01/2003



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Technical data	
<b>General</b>	
Note	Order information Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Standard
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

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

#### Certificates / Approvals



Certification

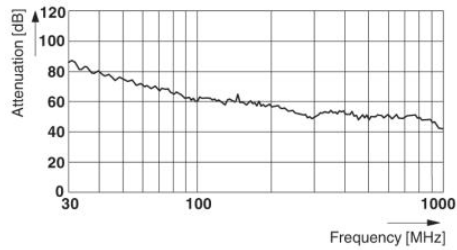
cULus Recognized

Certifications applied for:

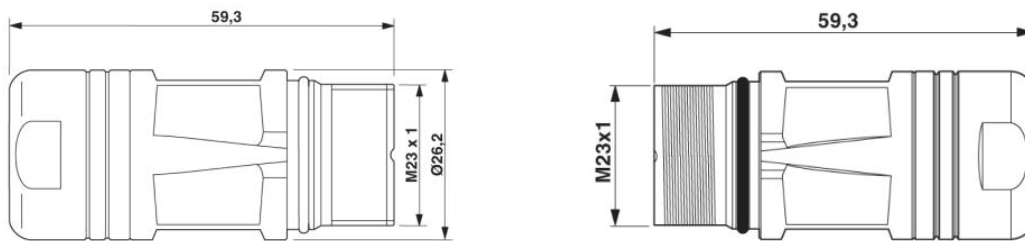
Certification Ex:

## Drawings

### Diagram

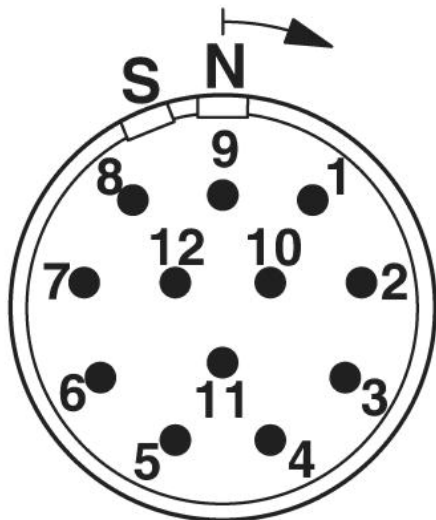


### Dimensioned drawing



RF-12(17)...N8A90DU

### Schematic diagram



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