

# RF-12F1N8A80DU - Cable connector



1616138

<https://www.phoenixcontact.com/us/products/1616138>

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Cable connector, application: Feedback, signal, straight, M23, number of positions: 12, contact connection type: Socket, shielded: yes, cable diameter range: 3 mm ... 13.2 mm, number of positions: 12, connection method: Crimp connection, series: RF

## Commercial data

Item number	1616138
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGA
GTIN	4046356516358
Weight per piece (including packing)	100.24 g
Weight per piece (excluding packing)	95.23 g
Country of origin	DE

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## Technical data

### Notes

Order information:	Order crimp contacts Ø 1 mm separately
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### Product properties

Series	RF
Application	Feedback, signal Signal
Number of positions	12
Connection profile	12
Shielded	yes
Coding	N
Pg screw connection	none

### Electrical properties

#### Contact

Nominal current $I_N$	8 A
Nominal voltage $U_N$	48 V AC 74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

### Connection data

Connection method	Crimp connection
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### Material specifications

Seal material	FPM
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### Connector

Type	straight
Direction of rotation	Standard

### Cable/line

External cable diameter	3 mm ... 13.2 mm
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67
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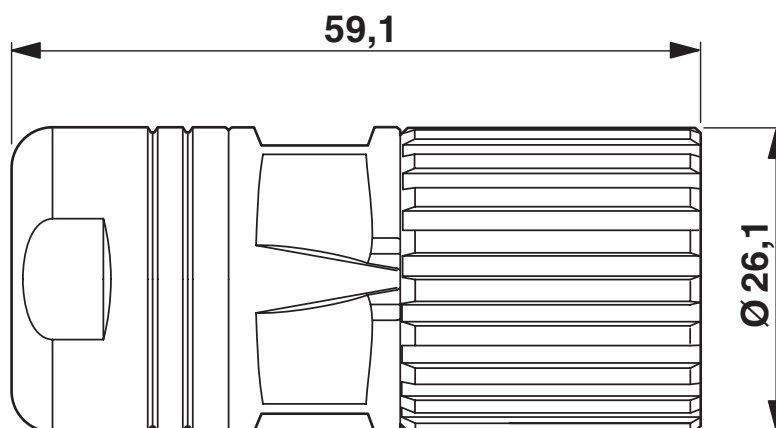
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## Drawings

Dimensional drawing



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## Classifications

### UNSPSC

UNSPSC 21.0	39121419
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

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