RF-17S1N8A80DUS - Cable connector

1624820

https://www.phoenixcontact.com/us/products/1624820

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Cable connector, straight, SPEEDCON, M23, number of positions: 17, contact connection type: Socket, shielded: yes, cable diameter range: 5 mm ... 13.2 mm, number of positions: 17, connection method: Crimp connection, series: RF

Commercial data

Item number	1624820
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGB
GTIN	4046356630399
Weight per piece (including packing)	173.7 g
Weight per piece (excluding packing)	95 g
Country of origin	DE

Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately

Product properties

Product type	Circular connector (cable-side)
Series	RF
Application	Feedback, signal
	Signal
Number of positions	17
Connection profile	17
Shielded	yes
Coding	N
Thread type	M23

Material specifications

Seal material	FPM
Housing material	Metal

Connection data

Conductor connection

Connection method	Crimp connection

Electrical properties

Contact

Contact diameter	1 mm
Nominal voltage U_N	48 V AC
	74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Connector

Type	straight
Direction of rotation	Standard

Cable/line

External cable diameter	5 mm ... 13.2 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67

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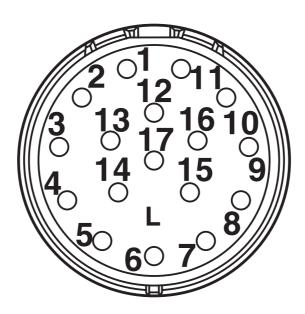| Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

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Drawings

Schematic diagram

Contact chamber numbering (view of plug-in side), standard socket

Classifications

ETIM

ETIM 8.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

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.)	Lead(CAS: 7439-92-1)