

RC-17P1N8AQ0GZ - Rear panel feed-through



1618562

<https://www.phoenixcontact.com/us/products/1618562>

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 documentation. Our general terms of use for downloads are valid.



M23, Rear panel feed-through, series: RC, straight, shielded: yes, No. of pos.: 17, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, Axial O-ring, cable diameter range: 3.5 mm ... 4.5 mm, coding: N, this item is expected to be lead-free from Q1 2027 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1618562
Packing unit	12 pc
Minimum order quantity	12 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAFJ
GTIN	4046356757355
Weight per piece (including packing)	102.783 g
Weight per piece (excluding packing)	94.124 g
Customs tariff number	85366990
Country of origin	DE

RC-17P1N8AQ0GZ - Rear panel feed-through



1618562

<https://www.phoenixcontact.com/us/products/1618562>

Technical data

Notes

Order information:	Order crimp contacts Ø 1 mm separately
--------------------	--

Product properties

Product type	Circular connectors (device side)
--------------	-----------------------------------

Connector

Insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	17
Direction of rotation	Standard
Connection profile	17
Number Contact (Contact group 1)	17
Diameter Contact (Contact group 1)	1 mm
Rated current Contact (Contact group 1)	8 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

Housing

Type	Feed-through header
Thread type	M23
Design	straight
Mounting type	Rear mounting
Assembly note	Central fastening
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67
Seal for the device	Axial O-ring

Seal

External cable diameter	3.5 mm ... 4.5 mm
Seal material	NBR

RC-17P1N8AQ0GZ - Rear panel feed-through



1618562

<https://www.phoenixcontact.com/us/products/1618562>

Environmental and real-life conditions

Ambient conditions

Permissible humidity (storage/transport)	50 % ... 65 %
--	---------------

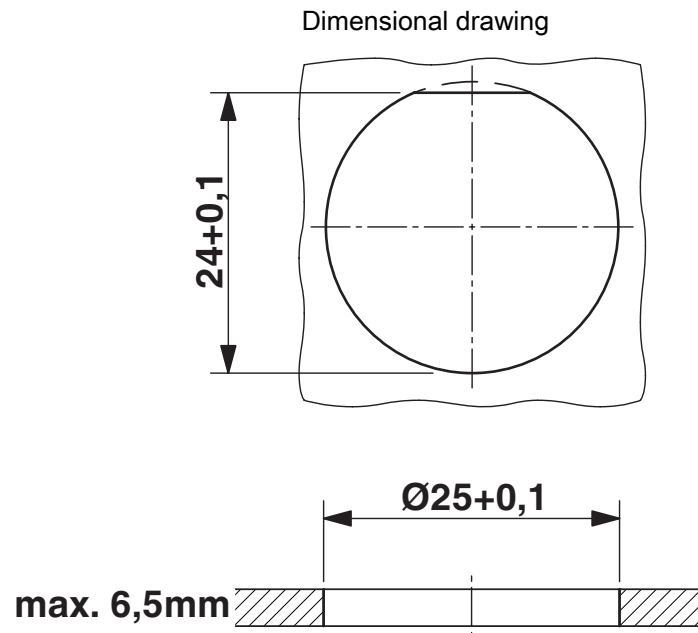
RC-17P1N8AQ0GZ - Rear panel feed-through

1618562

<https://www.phoenixcontact.com/us/products/1618562>



Drawings



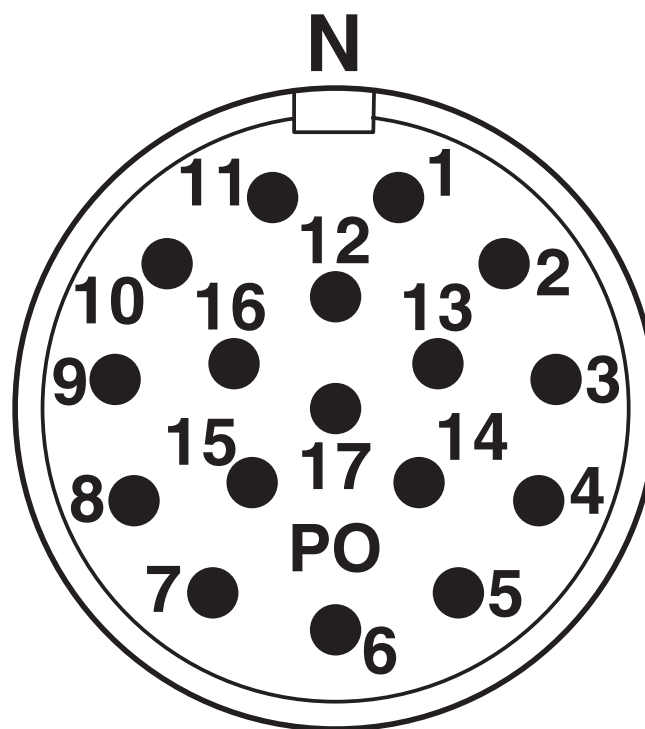
Installation dimensions

RC-17P1N8AQ0GZ - Rear panel feed-through

1618562

<https://www.phoenixcontact.com/us/products/1618562>

Schematic diagram



Connector pin assignment

RC-17P1N8AQ0GZ - Rear panel feed-through



1618562

<https://www.phoenixcontact.com/us/products/1618562>

Classifications

ECLASS

ECLASS-13.0	27440109
ECLASS-15.0	27440109

ETIM

ETIM 9.0	EC003569
----------	----------

UNSPSC

UNSPSC 21.0	39131500
-------------	----------

RC-17P1N8AQ0GZ - Rear panel feed-through



1618562

<https://www.phoenixcontact.com/us/products/1618562>

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: n/a)
SCIP	7756ae1b-32cb-41b2-892f-ef0ec1dd57c1

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com