

# Device connector, front mounting - RC-07P1N12WT00 - 1594422

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>)



Device connector for front wall, straight, shielded: yes, Screw locking, M23, No. of pos.: 7, type of contact: Pin, Solder connection, Axial O-ring, 4x Ø 3.2

The figure shows the 12-pos. product version



## Key Commercial Data

Packing unit	40 pc
GTIN	
GTIN	4046356201247

## Technical data

### Data of the insulating body

Coding	N
Insertion/withdrawal cycles mechanical	50
Contact connection method	Solder connection
Type of contacts	Pin
Application	Signal
Number of positions	7
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	2.5 mm <sup>2</sup>
Nominal current per power contact at 25°C	20 A
Nominal voltage, power contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3
Overvoltage category	II
Degree of pollution	3

# Device connector, front mounting - RC-07P1N12WT00 - 1594422

## Technical data

### Housing data

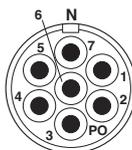
Housing material	GD-Zn
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
Thread type	M23

### 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



## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

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

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>