

## INDUSTRIAL COMPONENT DATA

# HC-28P1N12WA00X 1240155 PHOENIX CONTACT Conect. plug. to be apar. front wall, straight, Screw lock, M27, num..

Brand: PHOENIX CONTACT | Manufacturer Part Number: HC-28P1N12WA00X



|                 |                                              |
|-----------------|----------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                              |
| MPN / Reference | HC-28P1N12WA00X                              |
| Catalog number  | 1240155                                      |
| Category        | Circular connector, mounting (without cable) |
| Minimum order   | 24 Pcs                                       |
| Document ID     | EO-C5C65FA1FA                                |
| Generated       | 2026-08-04                                   |

## Product Overview

Conect. plug. to be apar. front wall, straight, Screw lock, M27, number of poles: 28, contact connection type: Male, Radial O-ring, shielded: yes, number of poles: 28, connection type: Solder cup, series: HC, The item does not contain lead according to the RoHS II directive without the exception 6c (Pb< 0.1%)

Connect. plug. for apar. front wall, straight, screw locking, M27, number of poles: 28, contact type: Male, Radial O-ring, 4x Ø 3.2, shielded: yes, protection rating: IP67, number of poles: 28, connection type: Soldered connection, series: HC, The article does not contain lead according to the RoHS II directive without the exception 6c (Pb< 0.1%)

Device connector front mounting, straight, Screw locking mechanism, M27, number of positions: 28, contact connection type: Pin, Radial O-ring, 4x Ø 3.2, shielded: yes, degree of protection: IP67, number of positions: 28, connection method: Solder connection, series: HC, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                                 |
|--------------|-------------------------------------------------|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |
|--------------|-------------------------------------------------|

## Additional Product Information

Technical dataMountingMounting 4x Ø 3.2

Connection method Solder connection

Product propertiesProduct type Circular connectors (device side)

Number of positions 28

Connection profile 28

Application Signal

Series HC

Shielded yes  
Coding N  
Thread type M27  
Material specifications Flammability rating according to UL 94 V0  
Seal material FPM or NBR or EPDM  
Housing material Metal  
Electrical properties Contact  
Contact diameter 1 mm  
Min. cross section 0.08 mm<sup>2</sup>  
Max. cross section 1 mm<sup>2</sup>  
Max. current 8 A  
Nominal voltage UN 48 V AC 74 V DC  
Overvoltage category III  
Degree of pollution 3  
Rated surge voltage 1.5 kV  
Connection data Conductor connection  
Connection method Solder connection  
Contact connection type Pin  
Mechanical properties Mechanical data  
Insertion/withdrawal cycles 50  
Connector Type straight  
Direction of rotation Standard  
Environmental and real-life conditions Ambient conditions  
Degree of protection IP67  
Ambient temperature (operation) -20 °C ... 125 °C  
Altitude 2000 m  
ETIM for 1240155 Connectors (EC003569)  
Feature Name  
Feature Value  
With shield connection (EF002535)  
Yes  
Number of poles (EF001391)  
28  
Number of control contacts (EF012217)  
28  
With PE-connection (EF005600)  
No  
Housing material (EF001596)  
Other  
Inflammability class of insulation material according to UL94 (EF002521)  
V0  
Min. number of insertion cycles (EF012212)  
50  
Degree of protection (IP), mounted (EF007466)  
IP67  
Ambient temperature (EF002386)  
125 °C

Operating temperature (EF002393)

-20 °C

With thread (EF003723)

Yes

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / HC-28P1N12WA00X with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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