

# VS-P1220-P1226-C1021/ 2,0 - Cable



1609222

<https://www.phoenixcontact.com/us/products/1609222>

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.



Cable, degree of protection: IP65, number of positions: 5, material: Zinc die-cast/PBT, PROFINET/power

## Commercial data

Item number	1609222
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	ABNOIA
GTIN	4046356160131
Weight per piece (including packing)	518.3 g
Weight per piece (excluding packing)	116.8 g
Customs tariff number	85444290
Country of origin	DE

# VS-P1220-P1226-C1021/ 2,0 - Cable



1609222

<https://www.phoenixcontact.com/us/products/1609222>

## Technical data

### Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA)
---------	---

### Product properties

Product type	Data cable preassembled
Sensor type	PROFINET/power
Number of positions	5
Shielded	no

### Electrical properties

Rated voltage (III/3)	24 V
Rated current	16 A (at 20 °C)
Nominal voltage $U_N$	24 V
Transmission medium	Copper

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 50
-----------------------------	------

### Material specifications

Seal material	NBR
Housing material	Zinc die-cast/PBT
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PA/PUR
Outer sheath, material	PVC
Conductor material	Bare Cu litz wires

### Connector

#### Connection 1

Type	Plug straight MSTB
Locking type	Push Pull
Degree of protection	IP65

#### Connection 2

Type	Plug straight 7/8"-UNF
Degree of protection	IP65

# VS-P1220-P1226-C1021/ 2,0 - Cable



1609222

<https://www.phoenixcontact.com/us/products/1609222>

## Cable/line

PVC gray [PVC]

Shielded	no
Cable type	PVC gray
Cable type (abbreviation)	PVC
External cable diameter	8.1 mm
Outer sheath, material	PVC
External sheath, color	silver-gray RAL 7001
Conductor material	Bare Cu litz wires
Conductor cross-section	1.5 mm <sup>2</sup>
Smallest bending radius, fixed installation	40 mm
Smallest bending radius, movable installation	150 mm

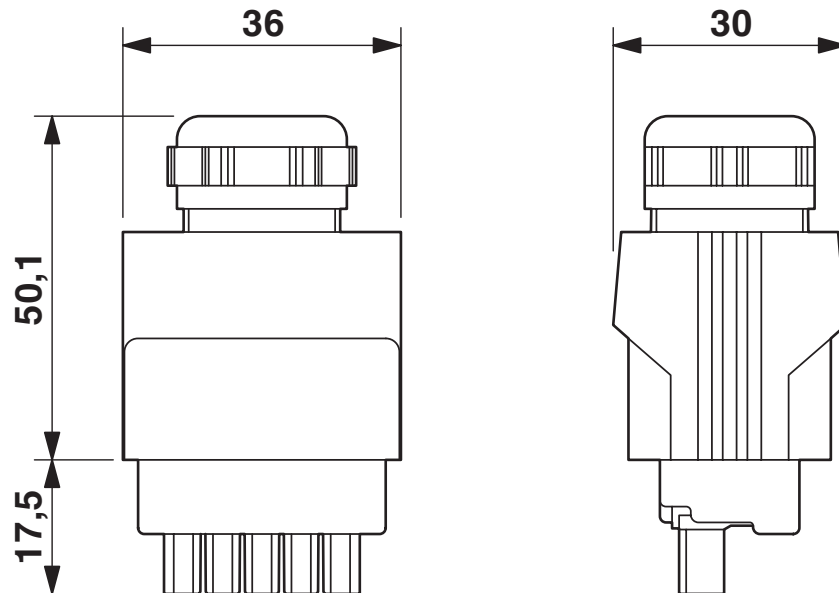
# VS-P1220-P1226-C1021/ 2,0 - Cable

1609222

<https://www.phoenixcontact.com/us/products/1609222>

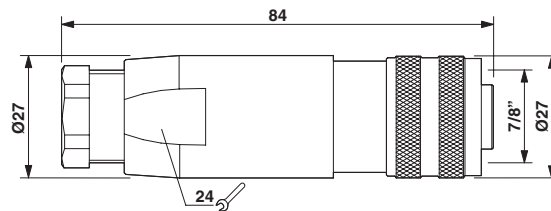
## Drawings

Dimensional drawing



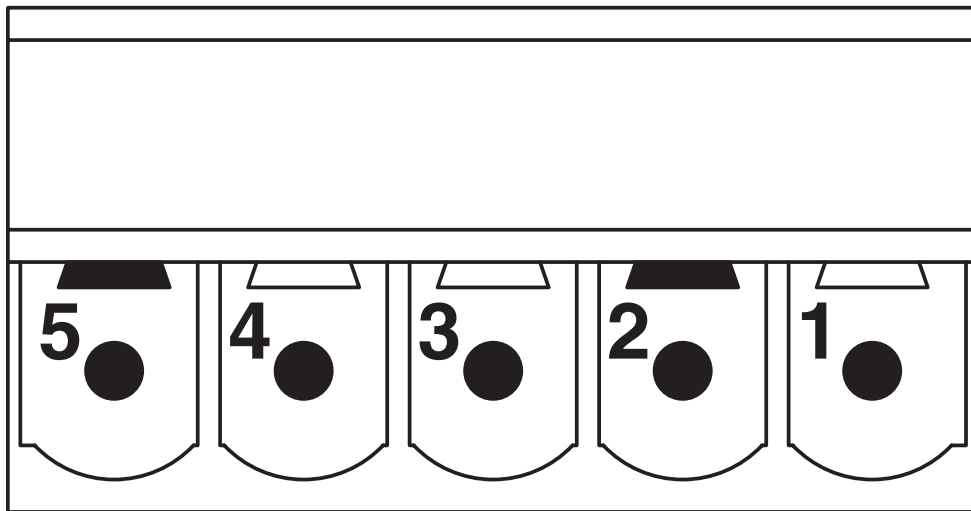
Push-Pull MSTB connector IP65/67

Dimensional drawing



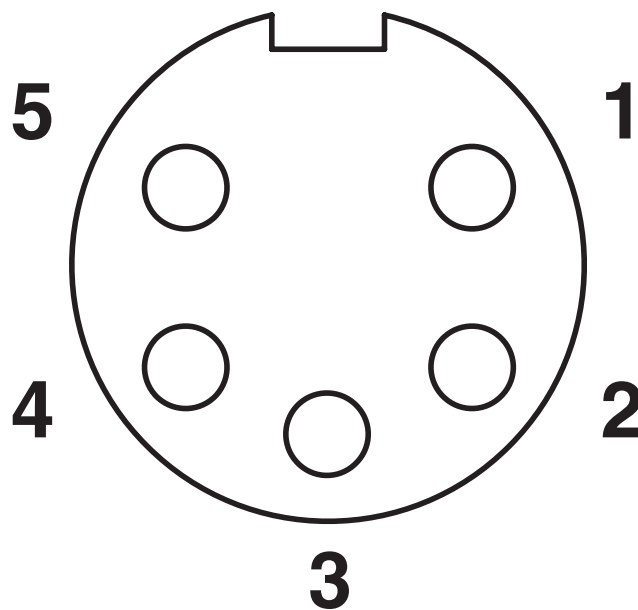
Socket 7/8"-16UNF, straight, Pg13

Schematic diagram



Connector pin assignment for PROFINET Push-Pull, power connector, 24 V

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

# VS-P1220-P1226-C1021/ 2,0 - Cable

1609222

<https://www.phoenixcontact.com/us/products/1609222>



Phoenix Contact 2026 © - 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](mailto:info@phoenixcon.com)