

## Device connector, rear mounting - PV-14P1N12HG00 - 1592500

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://download.phoenixcontact.com>)



Device connector, rear mounting, straight, Screw locking, M16, Number of positions: 14, Type of contact: Male connector, Solder connection, Axial O-ring, Central fixing, Shielded: No



### Key commercial data

Packing unit	1 PCE
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Type of locking	Screw locking
Insertion/withdrawal cycles mechanical	50
Coding	N
Contact connection method	Solder connection
Type of contacts	Male connector
Number of positions	14
Litz wire cross section of power contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of power contacts max.	0.34 mm <sup>2</sup>
Nominal current per power contact at 25°C	0.8 A
Mounting type	Central fixing

#### Ambient conditions

Ambient temperature	-20 °C ... 125 °C
Degree of protection	IP67

#### Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66

## Device connector, rear mounting - PV-14P1N12HG00 - 1592500

### Technical data

#### Material

Contact material	CuZn
Contact surface	Nickel-plated, gold coating
Gasket and O-ring material	FPM

#### Specifications according to DIN EN 61984:2001

Installation height max.	2000 m
Nominal / operating voltage of power contacts	100 V
Rated surge voltage of power contacts	0.8 kV
Surge voltage category of power contacts	II
Pollution degree of power contacts	3
Surge voltage category of signal contacts	II
Pollution degree of signal contacts	3

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27260708
eCl@ss 7.0	27440312
eCl@ss 8.0	27440312

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002635

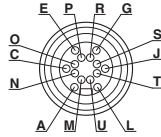
#### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

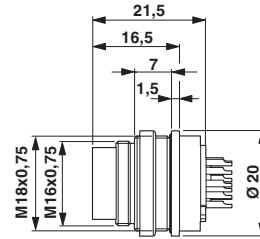
### Drawings

# Device connector, rear mounting - PV-14P1N12HG00 - 1592500

Schematic diagram



Dimensioned drawing



Dimensioned drawing

