PHŒNIX CONTACT

Device connector, front mounting - PV-14P1N126100 - 1592499

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Device connector, front 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 STK
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 mm²
Litz wire cross section of power contacts max.	0.34 mm²
Nominal current per power contact at 25°C	800 mA
Pg housing screw connection	none
Mounting type	Central fixing

Ambient conditions

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

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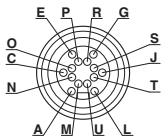
Technical data

Material

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Insulator material	PA 66
Contact material	CuZn
Contact surface	Nickel-plated, gold coating
Gasket and O-ring material	FPM

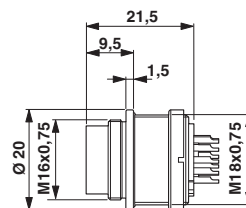### Specifications according to DIN EN 61984:2001

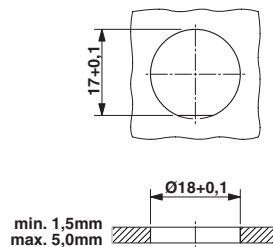|	
Installation height max.	2000 m
Nominal / operating voltage of power contacts	100 V
Rated surge voltage of power contacts	0.8 kV
Overvoltage category of power contacts	II
Degree of pollution of power contacts	3
Overvoltage category of signal contacts	II
Degree of pollution of signal contacts	3

Drawings

Schematic diagram

Dimensional drawing

Dimensional drawing

Classifications

eCl@ss

eCl@ss 4.0	272607xx

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Classifications

eCl@ss

eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440103
eCl@ss 9.0	27440102

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC002061

UNSPSC

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