PHŒNIX CONTACT

Device connector, front mounting - RF-12P1N8AWA00 - 1607236

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Device connector, front mounting, straight, Screw locking, M23, Number of positions: 12, Type of contact: Male connector, Crimp connection, Axial O-ring, 4xØ3,2, Shielded: Yes

Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	3.68 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

General

Note	Order information Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	12
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	8 A
Mounting type	4xØ3,2

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)

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Technical data

Material

Insulator material	PA 66
Gasket and O-ring material	FPM

Specifications according to DIN EN 61984:2001

Installation height max.	2000 m
Nominal / operating voltage of power contacts	150 V
Rated surge voltage of power contacts	2.5 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3
Surge voltage category of signal contacts	III
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

Approvals

Approvals

Device connector, front mounting - RF-12P1N8AWA00 - 1607236

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST

Accessories

Accessories

Crimp contact

Crimp contact - SF-6CP2000 - 1605559

Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KP004 - 1607355

Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.14 mm²...0.5 mm²

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Accessories

Crimp contact - SF-6AP2000 - 1605554

Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.25 mm²...1 mm²

Crimp contact - SF-10KP320 - 1615961

Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KP350 - 1615963

Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

Crimp contact - SF-10KP330 - 1615962

Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KP360 - 1615964

Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

Mounting material

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Accessories

Color-coding - RF-Z0017 - 1620624

Color-coding, Color: green

Color-coding - RF-Z0018 - 1620625

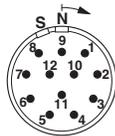Color-coding, Color: orange

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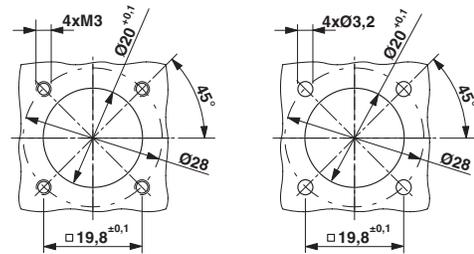Color-coding - RF-Z0019 - 1620626

Color-coding, Color: black
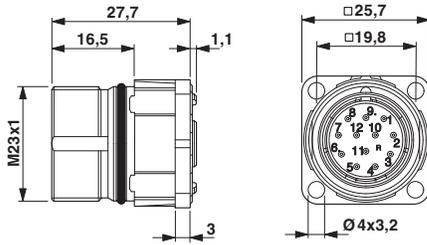

Drawings

Schematic diagram

Dimensioned drawing

Installation dimensions

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Dimensioned drawing

Diagram

Dimensional drawing