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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Device connector, front mounting - RF-12S1N8AWB00 - 1607830

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



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	3.31 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	Socket
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-12S1N8AWB00 - 1607830

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST 

Accessories

Accessories

Crimp contact

Crimp contact - SF-6CS2000 - 1605562



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

Crimp contact - SF-10KS004 - 1607356



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

Device connector, front mounting - RF-12S1N8AWB00 - 1607830

Accessories

Crimp contact - SF-6AS2000 - 1605557



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

Crimp contact - SF-10KS320 - 1607031



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

Crimp contact - SF-10KS350 - 1607032



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

Crimp contact - SF-10KS330 - 1607358



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

Crimp contact - SF-10KS360 - 1607361



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

Mounting material

Device connector, front mounting - RF-12S1N8AWB00 - 1607830

Accessories

Color-coding - RF-Z0017 - 1620624



Color-coding, Color: green

Color-coding - RF-Z0018 - 1620625



Color-coding, Color: orange

Color-coding - RF-Z0019 - 1620626



Color-coding, Color: black

Protective cover

Plastic dust protection cap - SF-Z0019 - 1607449



Plastic dust protection cap with IP40 eye for connectors with M23 external thread, RF, SF series

Plastic dust protection cap - RC-Z2059 - 1604225



Plastic dust protection cap for connectors with M23 external thread

Device connector, front mounting - RF-12S1N8AWB00 - 1607830

Accessories

Plastic anti-static dust protection cap - RC-Z2469 - 1611797



Plastic dust protection cap, anti-static, for RF, SF series connectors, with M23 external thread

Metal dust protection cap - RC-Z2068 - 1604236



Metal dust protection cap with steel wire for signal connectors with M23 external thread

Metal dust protection cap - RC-Z2062 - 1604228



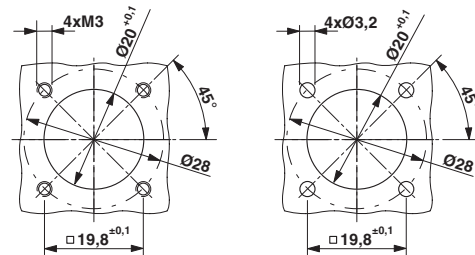
Metal dust protection cap with steel wire for signal connectors with M23 knurled nuts

Drawings

Schematic diagram



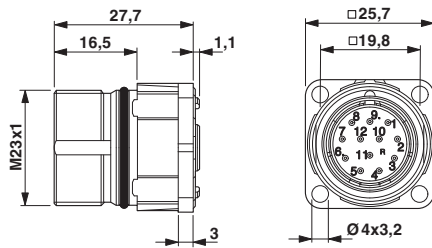
Dimensioned drawing



Installation dimensions

Device connector, front mounting - RF-12S1N8AWB00 - 1607830

Dimensioned drawing



Dimensional drawing

Diagram

