

Siemens 6ES7972-0BA12-0XA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	of electrical connection

Description

6ES7972-0BA12-0XA0

PB Connector, 90 Degree, w/o PG Socket

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, without PG socket

Packaging dimensions (L x W x H)

7.80 x 6.80 x 3.20 cm

Net weight

0.046 Kg

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Environment related

WEEE (2012/19/EU) Take-Back Obligations

Yes

Compliance with the substance restrictions according to RoHS directive

Since: 01.07.2010

REACH Art. 33 Duty to inform according to the current list of candidates

Lead monoxide (lead oxide) CAS-No. 1317-36-8 > 0,1 % (w / w)

SCIP Number

fcbf8893-4169-429f-981e-e2193ec1d521

PROFIBUS connector

product description PROFIBUS bus connector, RS 485, screw, without programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet,

15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, without

PG socket

suitability for use For connecting PROFIBUS stations to the PROFIBUS bus cable

transfer rate

transfer rate / with PROFIBUS DP 9.6 kbit/s ... 12 Mbit/s

interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Screw
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect No

mechanical data

design of terminating resistor Resistor combination integrated and connectable via slide switch

material / of the enclosure plastic

locking mechanism design Screwed joint

design, dimensions and weights

type of cable outlet 90 degree cable outlet

width 15.8 mm

height 64 mm

depth 35.6 mm

net weight 36 g

ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP IP20

product features, product functions, product components / general

product feature

- silicon-free Yes

product component

- PG connection socket No
- strain relief Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

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