

Siemens 6ES7972-0BA42-0XA0 Manual

Brand	Siemens
Product Series	Siemens
Product Type	designation PROFIBUS connector

Description

6ES7972-0BA42-0XA0

product type designation PROFIBUS connector

product description PROFIBUS bus connector, RS 485, screw, without programming port, 35°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s with inclined cable

outlet, 15.8x 54x 39.5 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 35 degree cable outlet

width 15.8 mm

height 54 mm

depth 39.5 mm

net weight 29 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

www.AutoDCSTech.com

- strain relief Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes

- UL approval Yes

www.AutoDCSTech.com