ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Pilz PSS1 302156* at our website: *Click HERE*

ControlNet-Adapter

PSS ControlNet Adapter, PSS1 ControlNet Adapter



Standard communications card for connecting to ControlNet.

Features

- Redundant bus
- Selectable bus address
- Diagnostic display
- Galvanic isolation between ControlNet and PSS
- Bus interface supplied from bus
- Conformity declaration from ControlNet International in progress

Description

The PSS(1) ControlNet Adapter communications card for the PSS 3000 and PSS 3100 can be connected to ControlNet as an Adapter Class Product. It is connected via a specific ControlNet BNC connector and should be placed in a standard slot in the PSS module rack.
The PSS(1) ControlNet Adapter is operated in conjunction with pre-prepared standard function blocks.

Technical Details	PSS ControlNet Adapter	PSS1 ControlNet Adapter
Function	ControlNet-module in accordance with ControlNet International (Conformity declaration in progress)	
Application range	Non-safety-related applications	
Electrical Data		
Power consumption	Average 800 mA	Average 800 mA
Interface	BNC connector according to ControlNet specification	
Unit type	Adapter	Adapter
Baud rate	5 MBit/s	5 MBit/s
Station address	Selectable using a rotary switch Valid in range from 0 ... 99 dec	
Status display	LED	LED
Data length	Scheduled messages 0 ... 128 words Unscheduled messages 32 words	
Communication structure	Using a standard function block	
Mechanical Data		
Space requirement	1 slot	1 slot
Weight	1000 g	600 g
Environmental Data		
Protection type (EN 60529, 10/91)	IP 20, installed in module rack	
Ambient temperature (DIN IEC 68-2-14, 06/87)	0 ... +60 °C	0 ... +60 °C
Storage temperature (EN 60068-2-1/-2, 03/93)	-25 ... +70 °C	-25 ... +70 °C
Climatic suitability	IEC 68-2-30, IEC 68-2-14	
Condensation	Not permitted	
Vibration (EN 60068-2-6, 04/95)	Frequency range: 10 ... 100 Hz Amplitude: 0.1 mm, max. 5g	

Order references		
System	PSS 3000	PSS 3100
Description	PSS ContolNet Adapter	PSS1 Control Adapter
Order no.	301 156	302 156

Order reference for accessories	
Description	**Order no.**
ST-SB-ControlNet	301 268...[1)]

[1)] **When ordering:** please state the type of licence you require after the order number (**..B** for basic licence, **..K** for copy licence, **..G** for general licence), e.g. 301 183B.

Pilz GmbH & Co. KG, Sichere Automation, Felix-Wankel-Straße 2, 73760 Ostfildern, Germany
Telephone: +49 711 3409-0, Telefax: +49 711 3409-133, E-Mail: pilz.gmbh@pilz.de

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP