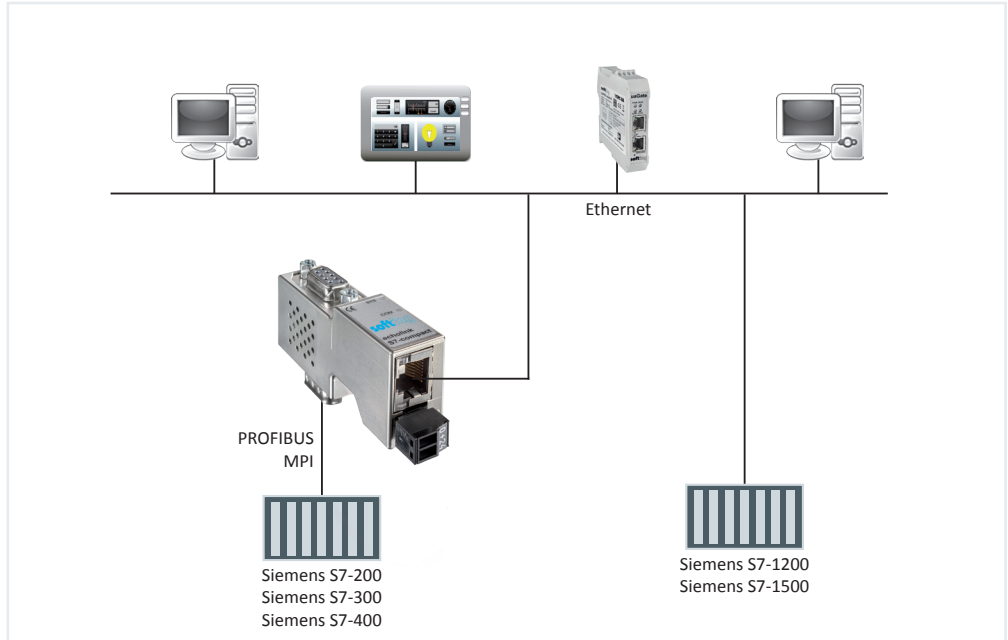dataFEED®

echolink S7-compact

Compact Profibus/MPI Adapter for Connecting S7 Controllers via Ethernet

- **Integration of S7-200, S7-300 and S7-400 into Ethernet Architectures**
- **PLC Programming and Communication via Interface**
- **Integration into Product Management and Visualization Applications**

Ethernet

PROFIBUS
MPI

Siemens S7-200
Siemens S7-300
Siemens S7-400

Siemens S7-1200
Siemens S7-1500

Integration of S7-200, S7-300 and S7-400 into 10/100 Mbit Ethernet Networks

- Direct communication with one or several controllers in any kind of TCP network structure
- Support of up to 16 simultaneous connections
- Use of standard TCP/IP for communication within plant or company networks and with the Internet
- Expansion of participants using MPI or PROFIBUS via pass-through PG port
- Interference-free integration into existing control systems
- Centralized configuration of all adapters in the network via NetCon S7 software
- Power supply directly from controller or via external power supply
- Cost-effective solution alternative

Programming Adapter Supporting all Relevant S7 Engineering Tools

- Interface for programming controllers via Ethernet
- Compatibility with STEP7, TIA-Portal, WinCC and WinCC flexible
- Display and configuration of the adapter in STEP7 or TIA portal

Application Integration through RFC1006 and OPC UA

- Connection to HMI station and PLC directly via RFC1006 Ethernet protocol
- Support of OPC and OPC UA by using dataFEED OPC Suite for integration into higher-level systems, e.g. for production management

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Technical Data

Hardware Requirements	Ethernet interface
PC Connection	RJ45
Supported Controllers	Siemens S7-200, Siemens S7-300, Siemens S7-400
Supported Bus Systems	PROFIBUS, MPI
Communication Type	Ethernet 100 BASE-TX / 10 BASE-T
Supported Transfer Rates to PLC	9.6 KBit/s ... 12 MBit/s with automatic detection
Supported Transfer Rates to PC	10/100 MBit/s
Simultaneous Connections	16 TCP/IP connections, 32 MPI / PROFIBUS connections
Power Supply	24 V, ±25 %, external or from controller
Galvanic Isolation	Yes
Temperature Range	0 °C ... +55 °C
Housing, Dimensions (W x H x D)	40,6 mm x 16,7 mm x 74,3 mm
Weight	Approximately 40 g
Approvals	CE
Protection Class	IP20
Configuration Software	NetCon S7for local and remote configuration
Supported Application Software	Siemens TIA Portal V11-V13, Siemens STEP 7 V5.5, Siemens WinCC, Siemens WinCC flexible, Siemens ProTool
System Requirements	PC/PG with Windows XP, Windows 7, Windows 8, Windows 10, Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012

Scope of Delivery

Hardware	echolink S7-compact
Software	Configuration Software NetCon S7 on CD-ROM (also downloadable from Softing website)
Dokumentation	Product handbook and configuration tutorials on CD-ROM (also downloadable from Softing website)

Order Numbers

GPL-CS-191000	echolink S7-compact

Additional Products and Services

LRL-DY-134501	dataFEED OPC Suite
LRL-DY-132101	dataFEED OPC Server Siemens
GAA-DX-145111	uaGate SI
GAL-YY-143101	echocollect e (and other echocollect variants)
110-1000-01	Training "Industrial Ethernet – Troubleshooting in Automation", 3 days

Your local Softing contact:

https://industrial.softing.com

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