

Industries: Automation Industry · Processing Industry · Building Industry

Audiences: System Engineers · Design Engineers · Control Engineers

Value Proposition: Efficient Use of Space · Wide Range of Solutions · Safe and Secure Connections

New Pre-assembled PLC Specific Interface Cables and Modules

Weidmüller now offers a full line of pre-assembled Interface cables in conjunction with an expanded line of space saving universal Interface modules for a broad range of industry standard PLCs. This new line is designed to give users easy, quick and secure I/O wiring. The pre-assembled Interface cables and modules are available for the most common industrial PLCs and Micro PLCs from major manufacturers including Rockwell, Siemens, GE Fanuc, Telemecanique, Omron and ABB.

Each pre-assembled Interface cable assembly features a jacketed round cable that is attached directly to the original connectors for each specific PLC model I/O card. This system plugs directly into the PLC I/O cards for quick and easy I/O signal termination, saving users time and money, as well as eliminating the potential of incorrect wiring.



Features

Pre-assembled double-ended cables with PLC specific connectors

Sub-D connectors for analog boards

24 AWG (0.25 mm²) cables

Integrated fuses, LEDs, etc.

Compact design of cables and modules

Electronic PLC Selection Guide

Customer Benefits

Quick and easy plug and play solutions save time and money in installation, commissioning and maintenance without the risk of incorrect wiring. Eliminate the need for costly additional adapters or hardwiring in the field.

Shielded Sub-D connectors and cables provide superior protection for sensitive analog signals to assure reliable transmission.

Increased wire gauge for higher current capability, elimination of attenuation over long distances and for process industry applications.

Integrated components for each specific application eliminate the need for additional costly components, saving time and money.

Jacketed round cables enable space saving and flexible installation in raceways. Compact modules mount on industry standard DIN-rails and use multi-level, high-density terminal blocks.

Free of charge, intuitive selection tool helps the customer make quick and easy selection of PLC specific Interface solutions.

Application

The complexity of machines and installations in the automation, processing and building industry has resulted in increased cabling costs. The traditional wire-to-wire cabling required at installation or commissioning between PLCs and the various inputs and outputs is very time consuming and expensive. The Weidmuller Interface units and PLC solutions offer the user a quick and easy-to-install method for wiring their PLC inputs and outputs.

Competition

Competitor	Strengths	Weaknesses
Phoenix Contact	Flexible custom specials Low cost solutions Molded cables in VIP Product offering	Limited product variety No high voltage >50V solution Unshielded connector for analog
Siemens	Broad range of PLCs Option to sell packaged with PLCs	Small range of Interface boards Only low voltage boards Small 26 AWG wire gauge No easy-to-use selection tool
ABB Entrellec	Wide product range Cables with front adapters as well as PLC specific connectors PLC offering	No easy-to-use selection tool

Sales Tools

Sales tools are available for download on the web at <https://B2B.weidmuller.com>

Sales Tool	Description
LIT0912	Interface Units and PLC Solutions Catalog #4.5 North America with the full offering of Universal Interface Units, PLC specific pre-assembled Interface Cables and corresponding Modules, Pre-cabling solutions and accessories
LIT0912SG	Electronic PLC Selection Guide, free of charge intuitive tool for easy and quick selection of PLC specific Interface Solutions, available for download at www.weidmuller.com or on CD-ROM

Availability - Interface Units and PLC Solutions

PLC Interface Cables and Modules are available for all common PLCs from the major PLC manufacturers such as Rockwell, Siemens, GE Fanuc, Telemecanique, ABB and Omron.

Selected products are available from stock. Refer to our catalog or Selection Guide for information on preferred products.

Pricing

Please reference the Business to Business Portal for all your pricing concerns at the following link: <https://B2B.weidmuller.com>