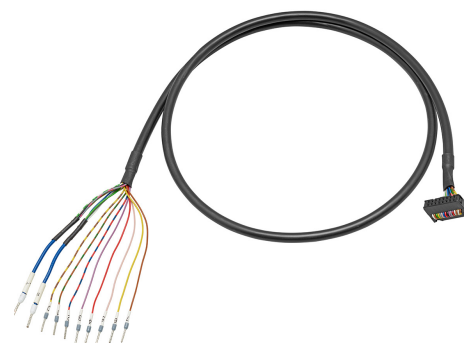


# Innovative and efficient – SIMATIC TOP connect

## Universal connecting cable

Error-free and reliable wiring both inside and outside the control cabinet is an important factor in ensuring the availability of your plant. SIMATIC TOP connect system cabling helps you to minimize sources of error and save wiring time. Compared to conventional wiring with terminal blocks, you reduce the effort by at least 50%.

The new universal connecting cable is the link between the standard connection of the SIMATIC S7-1200, LOGO!, SIMATIC ET 200SP or SIMATIC S7-1500 I/O (25 mm) and the SIMATIC TOP connect terminal module. It transmits eight signals and the supply voltage.

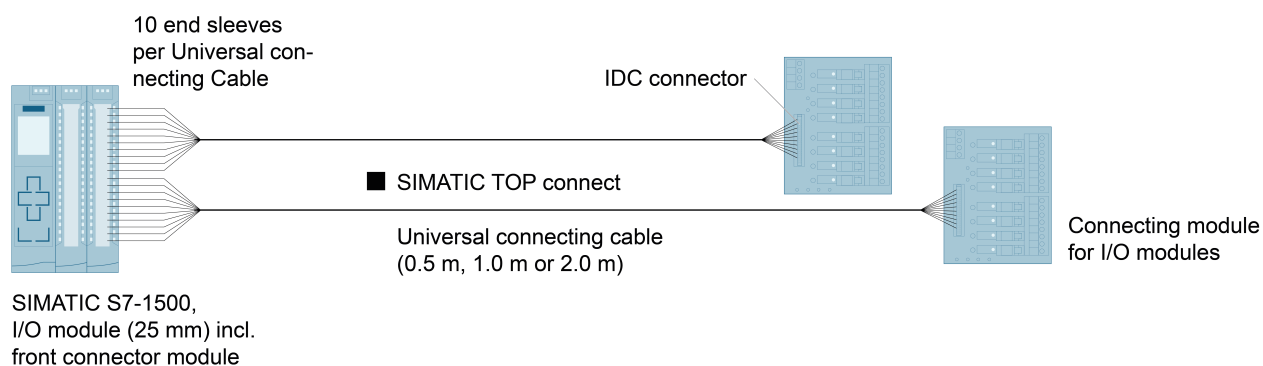


### Benefits

- Faultless and twice as fast wiring by using the respective connecting module
- Easy realization of potential modules in the facility thanks to coupling relays
- High switching frequencies even with high output currents (up to 4 A) by using an optocoupler module
- Separation of signals by using switch modules for measurement
- Protection of individual channels thanks to a thermic fuse in the fuse module

### Highlights

- Labeling of end splice on the controller side for connection to inputs / outputs
- 16 pole IDC connection on the field side for connecting digital connecting modules
- Connection to coupling module for potential isolation and potential adaption
- Tested connection cables for error-free operation



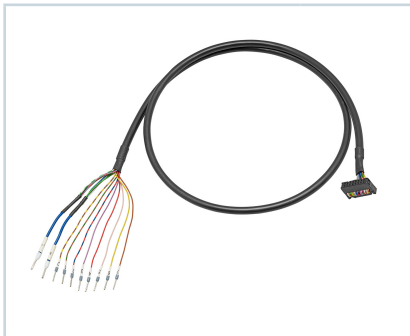
Wide range of applications

Controller standard connection

S7-1500 IO (25 mm)  
front connector included  
  
ET 200SP  
  
S7-1200  
  
LOGO!

+

Connection cable



+

Connection module

1- or 3-wire connection  
  
Coupling module  
  
Optocoupler module  
  
Switching module  
  
Fuse

Product in detail			
Article number	6ES7923-0BA50-0FB0	6ES7923-0BB00-0FB0	6ES7923-0BC00-0FB0
Length	0.5 m	1.0 m	2.0 m
Operating voltage	max. 50 V DC		
Reliable continuous current per signal conductor	1 Ampere / 4 Ampere per Byte		
Connecting cable	16 x 0.14 mm <sup>2</sup> unshielded		

Universal connecting cable SIOS

Product note **109771209**



Universal connecting cable SITOPtech

Video



SIMATIC TOP connect

Brochure



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