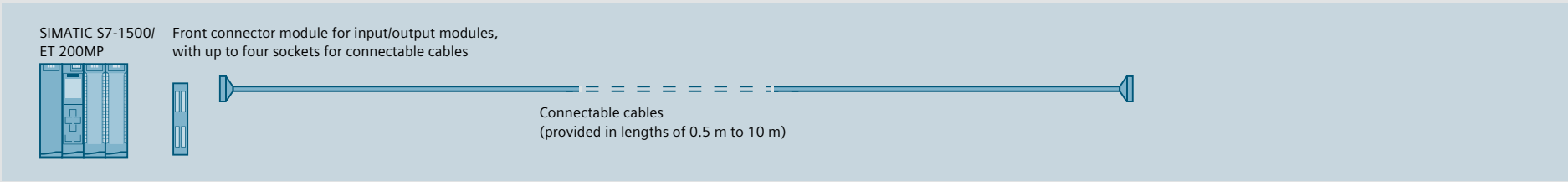


Ordering data for SIMATIC TOP connect for SIMATIC S7-1500/ET 200MP

**The fully modular connection for SIMATIC S7-1500/ET 200MP
for fast and clear connection to sensors and actuators in the field**



Front connector modules

Front connector module for digital modules
to connect 16-pole connecting cables

Terminals for input voltage	Order No.
Screw terminals	6ES7921-5AB20-0AA0
Push-in	6ES7921-5AH20-0AA0

Front connector module for digital modules
to connect 50-pole connecting cables

Terminals for input voltage	Order No.
Screw terminals	6ES7921-5CB20-0AA0
Push-in	6ES7921-5CH20-0AA0

Front connector module for 2 A digital output
to connect 16-pole connecting cables

Terminals for input voltage	Order No.
Screw terminals	6ES7921-5AD00-0AA0
Push-in	6ES7921-5AJ00-0AA0

Front connector module for analog modules
to connect 16-pole connecting cables

Order No.
6ES7921-5AK20-0AA0

Front connector module for analog modules
to connect 50-pole connecting cables

Order No.
6ES7921-5CK20-0AA0

Connecting cables

Round cable, pre-assembled

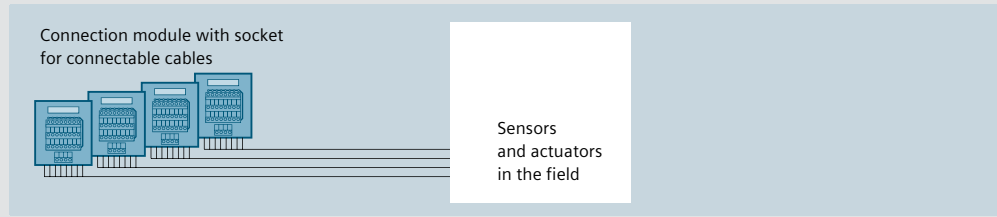
Length		Order No.
		unshielded 16-pole
		unshielded 50-pole
0.5 m		6ES7923-0BA50-0CB0
1.0 m		6ES7923-0BB00-0CB0
1.5 m		6ES7923-0BB50-0CB0
2.0 m		6ES7923-0BC00-0CB0
2.5 m		6ES7923-0BC50-0CB0
3.0 m		6ES7923-0BD00-0CB0
4.0 m		6ES7923-0BE00-0CB0
5.0 m		6ES7923-0BF00-0CB0
6.5 m		6ES7923-0BG50-0CB0
8.0 m		6ES7923-0BJ00-0CB0
10 m		6ES7923-0CB00-0CB0
		shielded 16-pole
		shielded 50-pole
1.0 m		6ES7923-0BB00-0DB0
2.0 m		6ES7923-0BC00-0DB0
2.5 m		6ES7923-0BC50-0DB0
3.0 m		6ES7923-0BD00-0DB0
4.0 m		6ES7923-0BE00-0DB0
5.0 m		6ES7923-0BF00-0DB0
6.5 m		6ES7923-0BG50-0DB0
8.0 m		6ES7923-0BJ00-0DB0
10 m		6ES7923-0CB00-0DB0

Label for connection module

Version	Order No.
for connection modules in S7-1500 design (6ES7924-0..20-0..0) plug-in, 340 pcs.	3RT1900-1SB20

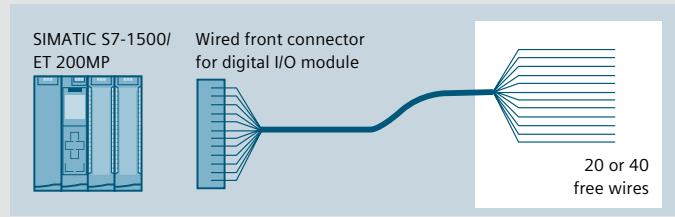
Flat cable (sold by the meter)

Length	Order No.
	unshielded 16-pole
30 m	6ES7923-0CD00-0AA0
60 m	6ES7923-0CG00-0AA0
	unshielded 2 x 16-pole
30 m	6ES7923-2CD00-0AA0
60 m	6ES7923-2CG00-0AA0
	shielded 16-pole
30 m	6ES7923-0CD00-0BA0
60 m	6ES7923-0CG00-0BA0
	Accessories for flat cables sold by the meter
	8 connectors and 8 strain reliefs
	6ES7921-3BE10-0AA0
	Pliers for insulation displacement method for cable assembly (sold by the meter)
	6ES7928-0AA00-0AA0
	Accessories for connection module inputs/outputs analog
	Shielding plate TPA S7-1500 for 8 channels
	6ES7928-1AA20-4AA0
	Shielding plate TPA S7-1500 for 32 channels
	6ES7928-1BA20-4AA0



Connection modules					
Connection module for digital modules					
		Terminals	Signal- ing	Order No.	
		TP1 for 1-wire connection		8 I/O	32 I/O
		Screw		6ES7924-0AA20-0AA0	6ES7924-2AA20-0AA0
		Push-in		6ES7924-0AA20-0AC0	6ES7924-2AA20-0AC0
		Screw	LED	6ES7924-0AA20-0BA0	6ES7924-2AA20-0BA0
		Push-in	LED	6ES7924-0AA20-0BC0	6ES7924-2AA20-0BC0
		TP3 for 3-wire connection		8 I/O	32 I/O
		Screw		6ES7924-0CA20-0AA0	6ES7924-2CA20-0AA0
		Push-in		6ES7924-0CA20-0AC0	6ES7924-2CA20-0AC0
		Screw	LED	6ES7924-0CA20-0BA0	6ES7924-2CA20-0BA0
		Push-in	LED	6ES7924-0CA20-0BC0	6ES7924-2CA20-0BC0
		Screw, disconnect terminal	LED	6ES7924-0CH20-0BA0	
		Push-in, disconnect terminal	LED	6ES7924-0CH20-0BC0	
		Screw, fuse	LED	6ES7924-0CL20-0BA0	
		Push-in, fuse	LED	6ES7924-0CL20-0BC0	
		TPRo ¹⁾ relay, NO contact		for 8 outputs	
		Screw	LED	6ES7924-0BD20-0BA0	
		Push-in	LED	6ES7924-0BD20-0BC0	
		TPRI ²⁾ relay, NO contact		for 8 inputs, 230 V AC	for 8 inputs, 230 V AC
		Screw	LED	6ES7924-0BE20-0BA0	6ES7924-0BG20-0BA0
		Push-in	LED	6ES7924-0BE20-0BC0	6ES7924-0BG20-0BC0
		TPOo ³⁾ optocoupler module		for 8 outputs	
		Screw	LED	6ES7924-0BF20-0BA0	
		Push-in	LED	6ES7924-0BF20-0BC0	
Connection module for 2 A digital modules					
		TP2 for 2-wire initiators		for 8 outputs	
		Screw		6ES7924-0BB20-0AA0	
		Push-in		6ES7924-0BB20-0AC0	
Connection module for analog modules (for S7-1500 only)					
		TPA for analog modules		16-pole connection	50-pole connection
		Screw		6ES7924-0CC20-0AA0	6ES7924-2CC20-0AA0
		Push-in		6ES7924-0CC20-0AC0	6ES7924-2CC20-0AC0

The flexible connection for SIMATIC S7-1500/ET 200MP:
simple wiring for the control cabinet



57-1500 front connector with single core		
	for 32 digital I/O modules	for 16 digital I/O modules
		
Version / length	Front connector completely pre-assembled (from pin 1 to 40)	Front connector partly pre-assembled (from pin 1 to 20)
	Order No. 1 pc.	Order No. 1 pc.
Core type H05V-K (0.5 mm ² with screwed connection)		
2.5 m	6ES7922-5BC50-0ACO	6ES7922-5BC50-0AB0
3.2 m	6ES7922-5BD20-0ACO	6ES7922-5BD20-0AB0
5.0 m	6ES7922-5BF00-0ACO	6ES7922-5BF00-0AB0
6.5 m	6ES7922-5BG50-0ACO	6ES7922-5BG50-0AB0
8.0 m	6ES7922-5BJ00-0ACO	6ES7922-5BJ00-0AB0
10.0 m	6ES7922-5CB00-0ACO	6ES7922-5CB00-0AB0
Core type H05Z-K halogen-free (0.5 mm ² with screwed connection)		
2.5 m	6ES7922-5BC50-0HCO	6ES7922-5BC50-0HB0
3.2 m	6ES7922-5BD20-0HCO	6ES7922-5BD20-0HB0
5.0 m	6ES7922-5BF00-0HCO	6ES7922-5BF00-0HB0
6.5 m	6ES7922-5BG50-0HCO	6ES7922-5BG50-0HB0
8.0 m	6ES7922-5BJ00-0HCO	6ES7922-5BJ00-0HB0
10.0 m	6ES7922-5CB00-0HCO	6ES7922-5CB00-0HB0
Core type UL/CSA-certified (0.5 mm ² with screwed connection)		
3.2 m	6ES7922-5BD20-0UC0	6ES7922-5BD20-0UB0
5.0 m	6ES7922-5BF00-0UC0	6ES7922-5BF00-0UB0
6.5 m	6ES7922-5BG50-0UC0	6ES7922-5BG50-0UB0

¹⁾ o = output, for 24 V output module with switching power > 24 V / 0.5 A, outputs 230 V AC / 3 A, 20 cycles/min.

²⁾ i = input, for 24 V input module with 230 V input signal AC, outputs 24 V

³⁾ o = output, for 24 V output module with switching power > 24 V / 0.5 A, outputs 230 V AC / 4 A, 500 cycles/sec.