

System cabling for controllers

Controller-specific system cabling

System cable with flat-ribbon cable connector

- 1:1 connection
- 14 and 50-pos.
- Connectors as per IEC 60603-13
- Unshielded
- Shielded
- Halogen-free see page 605
- Special lengths see page 609



Unshielded



Shield connection at one end



ERC

Applied for: cUL / UL

	Technical data		Technical data	
Max. perm. operating voltage	< 50 V AC / 60 V DC		< 50 V AC / 60 V DC	
Max. perm. current carrying capacity per path	1 A		1 A	
Max. conductor resistance	0.16 Ω/m		0.16 Ω/m	
Ambient temperature (operation)	-20 °C ... 50 °C		-20 °C ... 50 °C	
Shield	-		Tinned copper-braided shield, approx. 85% covering	
Assembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4		Insulation displacement, IEC 60352-4/DIN EN 60352-4	
Conductor cross section	AWG 26 / 0.14 mm ²		AWG 26 / 0.14 mm ²	
Conductor structure: stranded wires / material	7 / Cu tin-plated		7 / Cu tin-plated	
Outside diameter	14-position	6.4 mm	6.7 mm	
	50-position	10.3 mm	11 mm	

			Ordering data			Ordering data		
Description	No. of pos.	Cable length	Type	Order No.	Pcs. / Pkt.	Type	Order No.	Pcs. / Pkt.
Assembled round cable, with two 14-pos. socket strips in fixed lengths for transfer of 8 channels								
	14	0.3 m	FLK 14/EZ-DR/ 30/KONFEK	2295729	5			
	14	0.5 m	FLK 14/EZ-DR/ 50/KONFEK	2288901	5	FLK 14/EZ-DR/ 50/KONFEK/S	2296977	1
	14	1 m	FLK 14/EZ-DR/ 100/KONFEK	2288914	1	FLK 14/EZ-DR/ 100/KONFEK/S	2296980	1
	14	1.5 m	FLK 14/EZ-DR/ 150/KONFEK	2288927	1	FLK 14/EZ-DR/ 150/KONFEK/S	2296993	1
	14	2 m	FLK 14/EZ-DR/ 200/KONFEK	2288930	1	FLK 14/EZ-DR/ 200/KONFEK/S	2297002	1
	14	2.5 m	FLK 14/EZ-DR/ 250/KONFEK	2288943	1			
	14	3 m	FLK 14/EZ-DR/ 300/KONFEK	2288956	1	FLK 14/EZ-DR/ 300/KONFEK/S	2299013	1
	14	3.5 m	FLK 14/EZ-DR/ 350/KONFEK	2288969	1			
	14	4 m	FLK 14/EZ-DR/ 400/KONFEK	2288972	1	FLK 14/EZ-DR/ 400/KONFEK/S	2299026	1
	14	4.5 m	FLK 14/EZ-DR/ 450/KONFEK	2290847	1			
	14	5 m	FLK 14/EZ-DR/ 500/KONFEK	2290834	1			
	14	5.5 m	FLK 14/EZ-DR/ 550/KONFEK	2290850	1			
	14	6 m	FLK 14/EZ-DR/ 600/KONFEK	2290863	1	FLK 14/EZ-DR/ 600/KONFEK/S	2299039	1
	14	8 m	FLK 14/EZ-DR/ 800/KONFEK	2299563	1	FLK 14/EZ-DR/ 800/KONFEK/S	2299042	1
	14	10 m	FLK 14/EZ-DR/1000/KONFEK	2299576	1	FLK 14/EZ-DR/1000/KONFEK/S	2299055	1
Assembled round cable, with two 50-pos. socket strips in fixed lengths for transfer of 32 channels								
	50	0.5 m	FLK 50/EZ-DR/ 50/KONFEK	2289065	5	FLK 50/EZ-DR/ 50/KONFEK/S	2299097	1
	50	1 m	FLK 50/EZ-DR/ 100/KONFEK	2289078	1	FLK 50/EZ-DR/ 100/KONFEK/S	2299107	1
	50	1.5 m	FLK 50/EZ-DR/ 150/KONFEK	2289081	1	FLK 50/EZ-DR/ 150/KONFEK/S	2299110	1
	50	2 m	FLK 50/EZ-DR/ 200/KONFEK	2289094	1	FLK 50/EZ-DR/ 200/KONFEK/S	2299123	1
	50	2.5 m	FLK 50/EZ-DR/ 250/KONFEK	2289104	1			
	50	3 m	FLK 50/EZ-DR/ 300/KONFEK	2289117	1	FLK 50/EZ-DR/ 300/KONFEK/S	2299136	1
	50	3.5 m	FLK 50/EZ-DR/ 350/KONFEK	2289120	1			
	50	4 m	FLK 50/EZ-DR/ 400/KONFEK	2289133	1	FLK 50/EZ-DR/ 400/KONFEK/S	2299149	1
	50	4.5 m	FLK 50/EZ-DR/ 450/KONFEK	2289573	1			
	50	5 m	FLK 50/EZ-DR/ 500/KONFEK	2289586	1			
	50	5.5 m	FLK 50/EZ-DR/ 550/KONFEK	2289599	1			
	50	6 m	FLK 50/EZ-DR/ 600/KONFEK	2289609	1	FLK 50/EZ-DR/ 600/KONFEK/S	2299152	1
	50	6.5 m	FLK 50/EZ-DR/ 650/KONFEK	2289612	1			
	50	7 m	FLK 50/EZ-DR/ 700/KONFEK	2289625	1			
	50	7.5 m	FLK 50/EZ-DR/ 750/KONFEK	2289638	1			
	50	8 m	FLK 50/EZ-DR/ 800/KONFEK	2289641	1	FLK 50/EZ-DR/ 800/KONFEK/S	2299165	1
	50	8.5 m	FLK 50/EZ-DR/ 850/KONFEK	2289654	1			
	50	9 m	FLK 50/EZ-DR/ 900/KONFEK	2289667	1			
	50	9.5 m	FLK 50/EZ-DR/ 950/KONFEK	2289670	1			
	50	10 m	FLK 50/EZ-DR/1000/KONFEK	2289683	1	FLK 50/EZ-DR/1000/KONFEK/S	2299178	1