

Control lead

Preassembled control lead

The control lead is preassembled with 10 or 40 pole plug-in socket according to IEC 603/1 DIN 41 651.

It is used for connecting the PLC front adapter with the passive or active PLC input/output modules.

The connecting line for the PLC system interface is available in standard lengths of 1m to 7m.

Preassembled control lead



Spring socket DIN 416451 / IEC 603-1

No.	Colour code	Function
1	black	B-
2	brown	B3 +
3	red	B3.7
4	orange	B3.6
5	yellow	B3.5
6	green	B3.4
7	blue	B3.3
8	violet	B3.2
9	grey	B3.1
10	white	B3.0
11	white/black	B-
12	white/brown	B2 +
13	white/red	B2.7
14	white/orange	B2.6
15	white/yellow	B2.5
16	white/green	B2.4
17	white/blue	B2.3
18	white/violet	B2.2
19	white/grey	B2.1
20	brown/black	B2.0
21	brown/red	B-
22	brown/orange	B1 +
23	brown/yellow	B1.7
24	brown/green	B1.6
25	brown/blue	B1.5
26	brown/violet	B1.4
27	brown/grey	B1.3
28	brown/white	B1.2
29	green/black	B1.1
30	green/brown	B1.0
31	green/red	B-
32	green/orange	B0 +
33	green/blue	B0.7
34	green/violet	B0.6
35	green/grey	B0.5
36	green/white	B0.4
37	yellow-black	B0.3
38	yellow-brown	B0.2
39	yellow-red	B0.1
40	yellow-orange	B0.0

Technical data

Rated voltage	300 V
Current carrying capacity	1 A
Total current load	
- 40-pole lead	26 A/ΔT = 20 K
- 10-pole lead	11,5 A/ΔT = 20 K
Rated cross-section of cores	0,14 mm ²
Resistance value	55 mΩ/m
Storage temperature	-10...+80 °C

Ribbon round conductor designed on both sides

Type	Length*	Order no.
10-pole plug connector for transfer of 1 byte to DIN 41651 / IEC 603-1		
FBK 10/100 RK	1,00 m	8235360000
FBK 10/150 RK	1,50 m	8235370000
FBK 10/200 RK	2,00 m	8235380000
FBK 10/250 RK	2,50 m	8235390000
FBK 10/300 RK	3,00 m	8235400000
FBK 10/350 RK	3,50 m	8235410000
FBK 10/400 RK	4,00 m	8235420000
FBK 10/450 RK	4,50 m	8235430000
FBK 10/500 RK	5,00 m	8235440000
FBK 10/550 RK	5,50 m	8288640000

* special lengths on request

Ribbon round conductor designed on both sides

Type	Length*	Order no.
40-pole plug connector for transfer of 4 byte to DIN 41651 / IEC 603-1		
FBK 40/050 RK	0,50 m	8263960050
FBK 40/050 RK	1,00 m	8216350000
FBK 40/150 RK	1,50 m	8216360000
FBK 40/200 RK	2,00 m	8216370000
FBK 40/250 RK	2,50 m	8216380000
FBK 40/300 RK	3,00 m	8216390000
FBK 40/350 RK	3,50 m	8216400000
FBK 40/400 RK	4,00 m	8216410000
FBK 40/450 RK	4,50 m	8235340000
FBK 40/500 RK	5,00 m	8235350000