



E

CABLES

ACCESSORIES

CABLE OVERVIEW

The following table overview of B&R standard cables. Most of these cables are described in detail on the following pages. If a module has several interfaces (e.g. the PIF3), the type of interface is written in parentheses. Many interface connectors can be used with more than one type of interface. For example, the PP60 can use either a RS485, RS232 or TTY interface. In this case, a reference to the type of interface is also written in parenthesis. e.g.:

PIF3 (IF3/RS232) RS232 interface on the IF3 connector of a PIF3 module

PP60 (TTY) TTY interface of a PP60 parallel processor

The FROM and TO columns in the table show the possible connection. Devices in the FROM column can be used with the devices in the TO column. e.g.:

FROM	TO	LENGTH	MODEL NO.
PIF3 (IF3/RS232) PP60 (RS232) NTCP6# (RS232)	PIF3 (IF2/RS232) PROVIT Industrial Terminal	1.5 m	BRKA09-0

i.e.: The BRKA09-0 cable can be used for the following connections:

PIF3 (IF3/RS232)	to	PIF3 (IF2/RS232)
PP60 (RS232)	to	PIF3 (IF2/RS232)
NTCP6# (RS232)	to	PIF3 (IF2/RS232)
PIF3 (IF3/RS232)	to	PROVIT Industrial Terminal
PP60 (RS232)	to	PROVIT Industrial Terminal
NTCP6# (RS232)	to	PROVIT Industrial Terminal

I. PLC - OPERATOR PANEL

FROM	TO	LENGTH	MODEL NO.
PIF3 (IF3/TTY) PP60 (TTY) NTCP6# (TTY)	Operator Panel (BRRT360, ...)	1.5 m	BRKA01-0
PIF3 (IF2/TTY)	Operator Panel (BRRT360, ...)	1.5 m	BRKA02-0
PIF3 (IF3/RS232) PP60 (RS232) NTCP6# (RS232)	BRMEC Mass Memory (RS232)	1.5 m	BRKA04-0
PATA Compact Control (PATA)	MINICONTROL Operator Panel Compact Control Relay Card	1.5 m	BRKA08-0
PC (male 9 pin D-type connector) Compact Control (IF1/RS232)	COMPACT MMI	2.5 m	0G0003.00-090
Compact Control (IF1/RS232)	COMPACT MMI	1.5 m	BRKACOMP1-0

II. PLC - PLC AND PLC - PROVIT

FROM	TO	LENGTH	MODEL NO.
PIF3 (IF3/RS232) PP60 (RS232) NTCP6# (RS232)	PIF3 (IF2/RS232) PROVIT Industrial Terminal	1.5 m	BRKA09-0
PIF3 (IF3/RS232) PP60 (RS232) NTCP6# (RS232)	PIF3 (IF3/RS232) PP60 (RS232) NTCP6# (RS232)	1.5 m	BRKA09-1
PIF3 (IF2/RS232)	PIF3 (IF2/RS232)	1.5 m	BRKA09-1 ¹⁾

¹⁾ Same function as PIF3 (IF3/RS232) - PIF3 (IF3/RS232)

III. B&R MAESTRO SYSTEM

FROM	TO	LENGTH	MODEL NO.
B&R MAESTRO (FDD interface)	Diskette Station MFDD700 MCOHDD (FDD interface)	2.5 m	BRKA30-0
SCSI Controller (MSCSI) Insertable Hard Disk (MDISC40R)	External Hard Disk (MDISC40) Streamer Tape Drive (MSTR20) Optical Disk Drive (MOD800)	2 m	BRKA40-0
B&R MAESTRO (RS232) MCO1/MCO3 (RS232)	PROVIT Industrial Terminal	2.5 m	BRKAPC-4
B&R MAESTRO (RS232) MCO1/MCO3 (RS232)	VT100 Compatible Terminal	2.5 m	BRKAPC-5
B&R MAESTRO (RS232) MCO1/MCO3 (RS232)	B&R MAESTRO (RS232) MCO1/MCO3 (RS232)	2.5 m	BRKAPC-6
MCO1/MCO3 (RS232)	Diskette Station MFDD70S	2.5 m	BRKAPC-6 ¹⁾
B&R MAESTRO (RS232) MCO1/MCO3 (RS232)	PC (male 9 pin D-type connector)	2.5 m	BRKAPC-7
MGC1 (RGB output)	RGB Monitor (e.g. PROVIT 800)	2 m	BRKARGB-0
MGC1 (RS232 mouse interface)	Microsoft Mouse or Compatible	0.2 m	BRKAMAS-0
MGC1 (keyboard interface)	PROVIT 800 (keyboard interface)	2.5 m	BRKAPC-4 ²⁾

¹⁾ Same function as B&R MAESTRO - B&R MAESTRO or MCO1/MCO3 - MCO1/MCO3
²⁾ Same function as B&R MAESTRO - PROVIT or MCO1/MCO3 - PROVIT

IV. PC / PANELWARE - PLC / PROVIT / BRMEC / MODEM APM

FROM	TO	LENGTH	MODEL NO.
PIF3 (IF3/RS232) PP60 (RS232) NTCP6# (RS232) BRMEC	PC (male 9 pin D-type connector) PANELWARE (RS232)	2.5 m	BRKAPC-0
Male 25 Pin D-Type Connector	Male 9 Pin D-Type Connector	0.2 m	BRKAPC-2
PC (male 9 pin D-type connector)	PROVIT (keyboard interface)	2.5 m	BRKAPC-3
Modem Application Program Memory	PC (male 9 pin D-type connector)	2.5 m	BRKAPC-8

V. ONLINE CABLE

FROM	TO	LENGTH	MODEL NO.
Online Interface BRIFPC-0	all CPUs all Parallel Processors	2.5 m	BRKAOL-0
Modem Application Program Memory	all CPUs all Parallel Processors	0.2 m	BRKAOL-1

VI. OTHER

FROM	TO	LENGTH	MODEL NO.
PIF3 (IF3/RS232)	INT1 Interface Converter	1.5 m	BRKA05-0
Expansion Sender Module (EXS2)	Expansion Receiver Module (EXE3)	0.5 m	ECEXKA-1
Modem Application Program Memory	Modem	1.5 m	BRKAMO-0
PIF1 (RS422)	BRMEC Mass Memory (RS422)	1.5 m	BRKA11-0

VII. ETHERNET AND ARCNET BUS CABLE AND ACCESSORIES

See Section C "Industrial Networks and Communication".