



PERFECTION IN THE DETAIL

Quality has its price and with us this is more than recompensed. We achieve this through efficient structures and with exceptional service and ideas, all combined with classic hard-working German precision and quality.

With the appropriate sensitivity to saving and investment, we develop sophisticated portable measuring devices to the highest standards. With these superb products, we offer our partners and clients the best conditions for efficient working.

We are happy that the next generation will be able to continue a tradition in which we are happy to invest: we are training clever people today, who will be there tomorrow to provide you with advice and practical help.



7. CHAPTER DATA TRANSMISSION

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1997 / 1998 Data cable for variable data output



DATA VARIABLE plug to the device

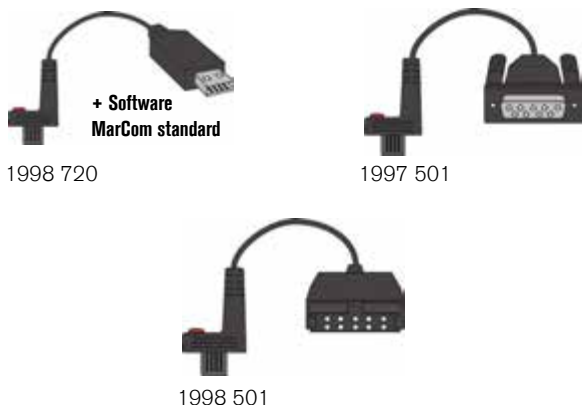


DATA-button on the plug-in jack: to transfer the measured results to a PC, laptop or keyboard-interface

Interfaces



- 1 USB (incl. software MarCom Standard)
- 2 Opto RS 232
- 3 Digimatic



Specification

- Available for all DIGI-MET® measuring instruments with a variable data output (DATA VARIABLE)
- Length 2 m
- With a data transfer button on the plug-in jack
- USB-data cable No. 1998 720 incl. software MarCom standard to transfer the measured results to applications, e.g. EXCEL®

	Ref. No.	List price Euro
Cable for USB incl. software MarCom standard	1998 720	66.00
Cable for RS 232	1997 501	46.20
Cable for Digimatic	1998 501	59.00

1998 Software MarCom



Specification

Software for easy data acquisition, for all measuring instruments with variable data output (DATA VARIABLE)

MarCom Standard* (No. 1998712)

- Data transfer directly to MS EXCEL® (from version 97), text file or keyboard code
- Connection of one measuring instrument via USB plus one serial COM-interface possible
- Measured results can be transferred to separate Excel columns, -tables or folders
- Clear indication of the selected measuring instruments
- Flexible and comfortable data transmission, optional via „data“-button on the measuring instrument or the data cable or the PC keyboard, timer or foot-switch (optional)

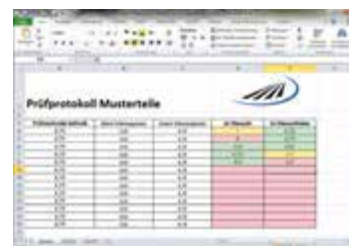
MarCom Professional (No. 1998710) with additional equipment:

- Connection to more than 100 measuring instruments with USB data cable possible
- Data transmission with virtual interface box MUX 50 format possible
- Connection of two serial COM-interfaces possible
- Several foot switch via USB connectable, the measuring instruments can be freely assigned
- USB Hubs connectable as measuring instrument interface
- Wireless data transfer via **blueDAT** (see page No. 273)

System requirements:

IBM AT compatible PC, MS Windows 7 / 8, USB-interface from version 2.0
MS EXCEL® from version 97

* Please note, this software is already included with the USB data cable 1998 720.



	Ref. No.	List price Euro
MarCom Standard	1998 712	56.00
MarCom Professional	1998 710	222.00

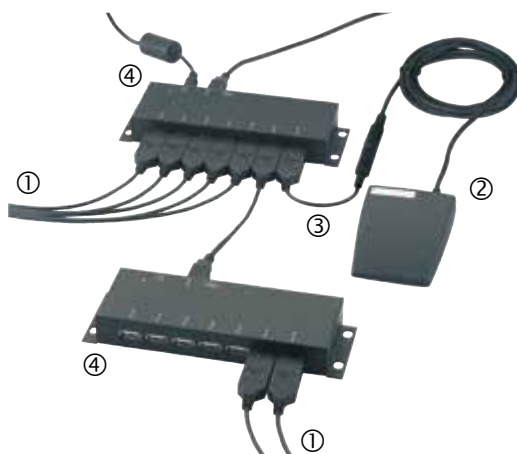


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1998 Accesories for data aquisition with MarCom



Example: possible measuring station setup



Specification



- ① USB-cable to devices
- ② Foot switch with jack plug
- ③ USB-adapter-cable for foot switch
- ④ USB-hub for connecting several devices

	Ref. No.	List price Euro
Data cable for USB incl. software MarCom Standard	1998 720	66.00
Foot-switch* (length of the cable 2 m)	1998 732	66.00
USB-adapter cable for foot switch	1998 722	56.00
USB-hub sevenfold with plug-in power supply	1998 730	111.00

* To connect to the MarCom, the USB-adapter cable Ref. No. 1998 722 is required

0996 Data cable for data output Opto RS 232



0996 701



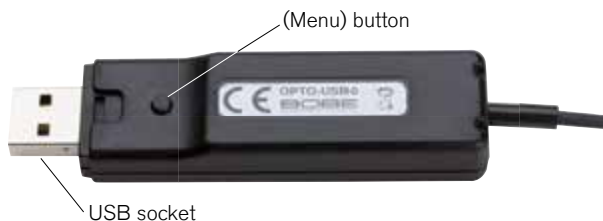
0996 705



	Ref. No.	List price Euro
Cable for Opto to RS 232	0996 701	71.00
Cable for Opto to USB	0996 705	136.00



0997 USB-keyboard interface cable



Specification

- USB-keyboard interface and data cable are in one unit (length of the cable 2 m)
- For connection of one unit
- Power supply via USB interface
- No driver file for the USB interface required
- The USB interface reveal themselves as a keyboard
- Terminators like Enter or Tab can be adjusted in the USB interface
- More settings such as language, separator and timer
- Transmission of data either through the data-switch on measuring instrument or with a timer



Plug connection to the device



	Ref. No.	List price Euro
① USB-keyboard interface cable Opto RS 232	0997 770	232.00
② *USB-keyboard interface cable RS 232 Proximity	0997 772	232.00
③ *USB-keyboard interface cable RS 232 Power (Power supply through data cable)	0997 774	283.00

* For using with indicators No. 0691, see page 123

0997 USB-keyboard interface "T-Box 302 USB"



Specification

- USB-keyboard interface for 4 x RS 232C input
- For simultaneous connection of up to 4 devices
- Power supply via USB interface
- No driver file for the USB interface required
- The USB interface reveal themselves as a keyboard
- Terminators like Enter or Tab can be adjusted at the USB interface
- More settings such as language, separator and timer
- Measured results can be conveyed directly e.g. to EXCEL or other text processing or statistics programs
- Data transmission via a foot switch connector, data-switch on the cable or timer



Shipment

- With USB cable to the PC
- Cardboard box

	Ref. No.	List price Euro
Keyboard interface T-Box 302 USB	0997 778	761.00

Accessories	Ref. No.	List price Euro
Foot-switch with jack plug	1998 732	66.00
Data cable for DATA VARIABLE	1997 501	46.20
Data cable for OPTO RS232	0996 701	71.00



1998 *blue*DAT - wireless measurement data transmission



Note: The items on this page are intended for distribution within the EU



*blue*DAT USB receiver

The *blue*DAT system consists of a transmitter, a receiver, and the MarCom Standard software. The transmitter can be connected to any of the usual digital handheld measuring devices. The receiver is connected via a USB interface to the end device. The MarCom Standard software organizes the processing of your measurement data and offers an interface to the CAQ/MES software system and MS-Office products.



*blue*DAT transmitter for DATA Variable

Advantages of wireless measurement data transmission

- Manufacturer-neutral solution
- Error-free measurement data transmission at the press of a button
- Time savings making measurements
- More freedom of movement, no irritating cable restrictions
- Measurement monitoring via transmitter ID
- Easy data tracking
- Flexible linking of digital handheld measuring devices to measurement sites
- Use of multiple measurement devices at a single measuring site
- Arrangement of multiple measuring sites in sequence
- Transmission range appr. 10 m



*blue*DAT transmitter for Opto RS 232

Special advantages of *blue*DAT:

- Very long battery life
- Very cost-effective
- Future-orientated Bluetooth® Smart technology
- Extremely compact USB receiver for installation as mobile measurement stations



*blue*DAT transmitter for RS 232 Proximity



*blue*DAT transmitter for RS 232 Power

Accessories

	Ref. No.	List price Euro
<i>blue</i> DAT USB receiver incl. MarCom Standard	1998 740	93.00
<i>blue</i> DAT for DATA Variable	1998 742	335.00
<i>blue</i> DAT for RS 232 opto	1998 744	335.00
<i>blue</i> DAT for RS 232 Proximity	1998 746	459.00
<i>blue</i> DAT for RS 232 Power (Power supply through data cable)	1998 748	459.00
MarCom Professional (Connection of more than 100 measuring instruments)	1998 710	222.00



Overview DIGI-MET® data transmission / measuring instrument



For measuring instruments	Data cables				blueDAT			
	USB 1998 720	Digimatic 1998 501	RS 232 1997 501	RS 232 Power 0997 774	DATA-Variable 1998 742	RS 232 opto 1998 744	RS 232 Proximity 1998 746	RS 232 Power 1998 748
0222						▪		
0223						▪		
0224						▪		
0225						▪		
0907				▪				
0908				▪				
1320	▪	▪	▪		▪	▪	▪	▪
1322	▪	▪	▪		▪	▪	▪	▪
1326	▪	▪	▪		▪	▪	▪	▪
1331	▪	▪	▪		▪	▪	▪	▪
1334	▪	▪	▪		▪	▪	▪	▪
1335	▪	▪	▪		▪	▪	▪	▪
1338	▪	▪	▪		▪	▪	▪	▪
1340	▪	▪	▪		▪	▪	▪	▪
1341	▪	▪	▪		▪	▪	▪	▪
1343	▪	▪	▪		▪	▪	▪	▪
1344	▪	▪	▪		▪	▪	▪	▪
1348	▪	▪	▪		▪	▪	▪	▪
1353	▪	▪	▪		▪	▪	▪	▪
1360	▪	▪	▪		▪	▪	▪	▪
1362	▪	▪	▪		▪	▪	▪	▪
1364	▪	▪	▪		▪	▪	▪	▪
1366	▪	▪	▪		▪	▪	▪	▪
1368	▪	▪	▪		▪	▪	▪	▪
1376	▪	▪	▪		▪	▪	▪	▪
1378	▪	▪	▪		▪	▪	▪	▪
1379	▪	▪	▪		▪	▪	▪	▪
1722	▪	▪	▪		▪	▪	▪	▪
1723	▪	▪	▪		▪	▪	▪	▪
1724	▪	▪	▪		▪	▪	▪	▪
1726	▪	▪	▪		▪	▪	▪	▪
1728	▪	▪	▪		▪	▪	▪	▪
1730	▪	▪	▪		▪	▪	▪	▪
1732	▪	▪	▪		▪	▪	▪	▪
1734	▪	▪	▪		▪	▪	▪	▪
1865	▪	▪	▪		▪	▪	▪	▪



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