



# Print and Apply Hermes<sup>+</sup>



### cab – where innovation is traditional



#### Leadership in innovation since 1975

Since 1975 cab has been setting new technological benchmarks in developing and manufacturing devices and systems for product labelling. Customers from the manufacturing and service industries and trade all benefit directly from our expertise as the innovation leader in the market.

Sophisticated customer demands, customer specific solutions and growth with our partners shape tomorrow's products.

#### Development and manufacturing with maximum vertical integration - made in Germany

In order to strengthen and to enlarge our technological leading position we develop and manufacture - according to ISO 9001 - in Germany. As we manufacture the majority of mechanics ourselves with state-of-the-art manufacturing equipment we ensure our high quality standard and, at the same time, remain flexible.

#### The people - our capital

As an independent family-run enterprise we encourage an innovative atmosphere together with an up-to-date corporate culture for our 250 employees in Germany and our seven cab subsidiaries all over the world. 350 professional and highly skilled distribution partners in more than 80 countries ensure our worldwide appearance.

#### Acting on our commitment to sustainability and ecological awareness - partner of ENERGY STAR for 11 years

In terms of their energy efficiency our products are optimized. The significance of our commitment to sustainability and ecological awareness is reflected in the distinction of our entire product range with the ENERGY STAR-seal. In addition to the positive effects on the electricity costs the reduced standbymode saves - totalized for the entire product range- one tonne  $CO_{2}$  / day.



Innovative technology for a better climate protection. Energy-saving. Environmentally conscious.

\*With an average CO, - emission of 550g/kWh in Germany 2007, source: E.ON

### Technical details

### Perfection to the detail



#### **1** Big graphic display

White backlight guarantees darity of display. Depending on the fitting position the display can be turned in steps of 90°.

#### 2 Navigator pad

Simple, interactive menue control. Applicable functions are illuminated. Menue handling is easy to comprehend.

#### 3 Ribbon retainer

The threepart tightening axles allow a fast and easy ribbon exchange.

#### 4 Solid, buckling resistant metal chassis

It is made of dye-cast aluminium. All devices are assembled to it.

#### 5 Mounting of the applicator

The applicator is mounted on hinges and can be exchanged easily.

#### 6 Printing offset

After exchanging the label roll the printing position is set up automatically after a few printed labels. The label position is stored, even if the machine is turned off.

#### 7 Printhead

The printhead can be exchanged easily. Adjustments and setups are not necessary.

#### 8 Ribbon saver

It is used for labels which are to be only partially printed. The printhead is lifted off in the plain area and the ribbon is stopped during label feed.

#### 9 Transport system

The ball bearing transport rollers ensure a highly accurate printing and the precise feeding of labels.

#### 10 Label unwinder

The swing lever and the integrated brake make sure that the labels are unwound with constant tension.

#### 11 Rewinder

The liner of a label roll is rewound after the labels have been peeled off. The clamping shafts enable an easy exchange of the roll. 3

#### Interfaces 4

### **All required interfaces**



#### 1 RS232C interface

- 2 USB 2.0 Slave interface
- 3 Ethernet 10/100 Base T-interface with TCP/IP
- 4 Slot for Wireless LAN-card
- 5 Two USB-Master-interfaces to connect an external operation panel, keyboard, scanner or Service Key
- 6 Slot for memory card CompactFlash Type I
- 7 Central cut-in valve
- 8 Warning light
- 9 Emergency stop
- 10 I/O interface
- 11 cab applicator connection (in the front)

#### Options



Interface Centronics bi-directional acc. IEEE 1284. Interface RS422/RS485 1.200 up to 230.400 Baud/8 Bit. The interfaces are connected to the PC. Connection to the printer via mini USB-connection cable.

- Label selection box-I/O-box. Via SPS up to 16 different labels can be loaded
- from a memory card. Operation of four in-/outputs via Basic Interpreter.
- cab WLAN card 802.11 b/g.



#### Memory card CompactFlash Type I

Accessories for the stand-alone operation



#### **Compact keyboard**

Connection: USB Number of keys: 86 L x W mm: 282 x 132, Cherry Classic Line G84-4100 LCM



Standard keyboard Connection: USB Number of keys: 115 LxW mm: 460 x 192, Cherry G83-6504 LAD

The functions of the devices and conformity to CE-standards are only warranted by using the accessories made by cab or recommended by cab.

### Stand-alone operation

#### Printing with a cab printer without PC.

The layout of the labels is created either with the label software or direct programming via text editor directly on the PC. Label formats, fonts and graphic data, serial data and data base contents are saved or imported on the CF memory card or the internal IFFS printer memory.

Only variable data is sent to the printer via keyboard or host computer before being printed out. Data of a barcode scanner or a scale can be fed additionally.



### Technical Data 5

I. Print method         Hermest-4L           Print method         Thermal tender/Thermal direct.           Print speed up to mm/s         203         300         600           Print speed up to mm/s         250         250         100           Print speed up to mm/s         250         250         100           Print width up to mm         104         105.6         105.6           Atterial         Papers. Synthetics like PET, PE, PC, PU, Acylat, PI           Material Inchenses mm / weight g/m <sup>2</sup> 0.056.0.357.60         10           Label width im m         20.116         0.056.05         100           Width of Imar         20.57.05         100         100           Label width g/mer, Di anno (0.056.05         0.056.05         100         100           Core diameter up to mm         205.116         100	nt method int resolution dpi 203 nt speed up to mm/s 250 nt width up to mm 104 Material 203 Mate	Thermal transfer/Them         300         250         105,6         s, Synthetics like PET, PE, PP, PV         0,055 - 0,35 / 60 - 160         20 - 116         25 - 118         25 - 250         205 / 305         76         outside or inside         80         25         500         25 - 114         155         76         205         205         205         400 x 255	600 100 105,6 C, PU, Acrylat, Pl 0 305	
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Hibbon length variable up to m       500         Width mm       25 - 114         Hibbon saver	bbon length variable up to m   dth mm   obbon saver   Internal rewinder   al diamter up to mm   re diameter mm   Dimensions of the printer   een media roll total diameter mm   ight x Depth x Width mm   400 x   eight kg   Label sensor   eethrough sensor from the botton / from the top   tance to locating edge mm   Electronics   pocessor high speed 32 Bit ColdFire/Taktrate MHz   AM) MB   emory IFFS MB Flash   ot for CompactFlash-card Type I   ot for für Wireless LAN-card   ttery cache for	500 25 - 114 155 76 205 400 x 255 5		
With mm       25 - 114         Ribbon saver	dth mm       Internal rewinder         al diamter up to mm       re diameter up to mm         re diameter mm       Internal rewinder         Dimensions of the printer       Internal rewinder         nen media roll total diameter mm       400 x         ight x Depth x Width mm       400 x         ight kg       International for leading effective sensor         International sensor       for leading effective sensor from the botton / from the top         tance to locating edge mm       International sensor         Electronics       International sensor         poessor high speed 32 Bit ColdFire/Taktrate MHz       AM) MB         amory IFFS MB Flash       International sensor         ot for CompactFlash-card Type I       International sensor         ot for für Wireless LAN-card       International sensor         arrning signal       International sensor	25 - 114 155 76 205 400 x 255 5		
Ribbbon saver	Jabbon saver         Internal rewinder         al diamter up to mm         re diameter mm         Dimensions of the printer         nen media roll total diameter mm         ight x Depth x Width mm         400 x         eight kg         Label sensor         e-through sensor from the botton / from the top         tance to locating edge mm         Electronics         pocessor high speed 32 Bit ColdFire/Taktrate MHz         AM) MB         emory IFFS MB Flash         ot for CompactFlash-card Type I         ot for für Wireless LAN-card         ttery cache for         arning signal	155 76 205 400 x 255 5		
4. Internal rewinder       155         Total diamter up to mm       155         Core diameter mm       205         5. Dimensions of the printer       305         When media roll total diameter mm       205         14eight X Depth x Width mm       400 x 400 x 255         5. Base Service       538 x 518 x 255         Weight kg       16       17         6. Label sensor       50         See-through sensor       for leading edge of the label or punching marks and end of material         Reflective sensor from the botton / from the top       for printing marks         Distance to locating edge mm       2 - 47         7. Electronics       76         Processor high speed 32 Bit ColdFire/Taktrate MHz       266         (RAM) MB       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       •         Battery cache for       Real-time clock, printout of time and date         Storage of data with shut-down       Acoustic signal when error         8. Interfaces	Internal rewinder         ial diamter up to mm         re diameter mm         Dimensions of the printer         nen media roll total diameter mm         ight x Depth x Width mm         400 x         ight kg         Label sensor         e-through sensor         flective sensor from the botton / from the top         tance to locating edge mm         Electronics         poessor high speed 32 Bit ColdFire/Taktrate MHz         AM) MB         emory IFFS MB Flash         ot for CompactFlash-card Type I         ot for Gir Wireless LAN-card         ttery cache for         arning signal	76 205 400 x 255 5		
Total diamter up to mm       155         Core diameter mm       26         S. Dimensions of the printer       205       305         Height x Depth x Width mm       400 x 400 x 255       538 x 518 x 255         Wheight Kg       16       17         6. Label sensor       76       77         See-through sensor       for leading edge of the label or punching marks and end of material         Reflective sensor from the botton / from the top       for leading edge of the label or punching marks         Distance to locating edge mm       2 - 47         7. Electronics       2         Processor high speed 32 Bit ColdFire/Taktrate MHz       266         (RAM) MB       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       5         Slot for für Wireless LAN-card       16         Battery cache for       Real-time clock, printout of time and date Storage of data with shut-down         Warning signal       Acoustic signal When error         8232 C 1.200 up to 230.400 Baud/8 Bit       1         USB 2.0 High Speed Slave for PC-connection       1         Ethernet 10/100 Base T, LPD, RawIP-Printing, Hp-Printing, Hp-Printing, DHCP, HTTF, FIP, SMTF, SMNP, TIME, Zerocont, mDNS, SOAP       1         R5422, R5485 1.200 up to 230.400 Baud/8 Bit	al diamter up to mm re diameter mm Dimensions of the printer nen media roll total diameter mm ight x Depth x Width mm 400 x ight kg Label sensor e-through sensor for leading e flective sensor from the botton / from the top tance to locating edge mm Electronics Docessor high speed 32 Bit ColdFire/Taktrate MHz AM) MB emory IFFS MB Flash ot for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for arning signal	76 205 400 x 255 5		
Core diameter mm       76         5. Dimensions of the printer       305         Height x Depth x Width mm       205       305         Height x Depth x Width mm       400 x 400 x 255       538 x 518 x 255         Weight kg       16       17         6. Label sensor       16       17         See-through sensor from the botton / from the top       for leading edge of the label or punching marks and end of material         Reflective sensor from the botton / from the top       16       2 - 47         7. Electronics       7.       266         Processor high speed 32 Bit ColdFire/Taktrate MHz       266         (RAM) MB       64       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       6         Slot for CompactFlash-card Type I       6         Battery cache for       Real-time clock, printout of time and date         Storage of data with shut-down       8         Warning signal       Acoustic signal when error         8. Interfaces       1       1         Centronics SOAP       1       1         R5232 C 1.200 up to 230.400 Baud/8 Bit       1       1         USB 2.0 High Speed Slave for PC-connection       1       1         R5422, R548	re diameter mm Dimensions of the printer nen media roll total diameter mm ight x Depth x Width mm 400 x ight kg Label sensor e-through sensor for leading e flective sensor from the botton / from the top tance to locating edge mm Electronics Decessor high speed 32 Bit ColdFire/Taktrate MHz M) MB mory IFFS MB Flash to for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for arning signal	76 205 400 x 255 5		
5. Dimensions of the printer       205       305         When media roll total diameter mm       205       305         Height x Wolth mm       400 x 400 x 255       538 x 518 x 255         Weight kg       16       17         6. Label sensor       58e-through sensor       for leading edge of the label or punching marks and end of material         Reflective sensor from the botton / from the top       for printing marks       2 - 47         7. Electronics       2 - 47       7         Processor high speed 32 Bit ColdFire/Taktrate MHz       266         (RAM) MB       64       8         Memory IFFS MB Flash       8       8         Slot for CompactFlash-card Type I       •       •         Battery cache for       Real-time clock, printout of time and date         Slot for für Wireless LAN-card       •       •         Battery cache for       Real-time clock, printout of time and date         Slot for Grup actificational acc. IEEE 1284       •       •         RS322 C 1.200 up to 230.400 Baud/8 Bit       •       •         USB 2.0 High Speed Slave for PC-connection       •       •         Ethernet 10/100 Base T, LPD, RawIP-Printing,       •       •         R5422, RS485 1.200 up to 230.400 Baud/8 Bit       •       •	Dimensions of the printer         nen media roll total diameter mm         ight x Depth x Width mm       400 x         eight kg       400 x         Label sensor       5000000000000000000000000000000000000	205 400 x 255 5		
When media roll total diameter mm         205         305           Height x Depth x Width mm         400 x 400 x 255         538 x 518 x 255           Weight kg         16         17           6. Label sensor         for leading edge of the label or purching marks and end of material           Reflective sensor from the botton / from the top         for printing marks         and end of material           Reflective sensor from the botton / from the top         2 - 47         7.           Retective sensor from the botton / from the top         2 - 47         266           (RAM) MB         2 - 64         266           (RAM) MB         64         64           Memory IFFS MB Flash         8         8           Slot for CompactFlash-card Type I         ■         ■           Slot for CompactFlash-card Type I         ■         ■           Battery cache for         Real-time clock, printour of time and date           Slot for CompactFlash-card Type I         ■         ■           Battery cache for         Acoustic signal when error         8           Read-time clock, printour of time and date         ■         ■           USB 2.0 High Speed Slave for PC-connection         ■         ■           Ethernet 10/100 Baser, LPD, RawIP-Printing,         ■         ■ <td>nen media roll total diameter mmight x Depth x Width mm400 xight kg400 xLabel sensor500 xe-through sensorfor leading ee-through sensor from the botton / from the top500 xtance to locating edge mm500 xElectronics500 xbocessor high speed 32 Bit ColdFire/Taktrate MHzAM) MB500 xemory IFFS MB Flash500 xot for CompactFlash-card Type I500 xot for für Wireless LAN-card500 xttery cache for500 xarning signal500 x</td> <td>400 x 255 5</td> <td></td>	nen media roll total diameter mmight x Depth x Width mm400 xight kg400 xLabel sensor500 xe-through sensorfor leading ee-through sensor from the botton / from the top500 xtance to locating edge mm500 xElectronics500 xbocessor high speed 32 Bit ColdFire/Taktrate MHzAM) MB500 xemory IFFS MB Flash500 xot for CompactFlash-card Type I500 xot for für Wireless LAN-card500 xttery cache for500 xarning signal500 x	400 x 255 5		
Height x Depth x Width mm       400 x 400 x 255       538 x 518 x 255         Weight kg       16       17         6. Label sensor       for leading edge of the label or purching marks and end of material         Reflective sensor from the botton / from the top       for leading edge of the label or purching marks and end of material         Reflective sensor from the botton / from the top       2 - 47         7. Electronics       266         Processor high speed 32 Bit ColdFire/Taktrate MHz       64         (RAM) MB       64         Memory IFPS MB Flash       8         Slot for für Wireless LAN-card       ■         Battery cache for       Real-time clock, printo-ut of time and date         Slot for für Wireless LAN-card       ■         RS232 C 1.200 up to 230.400 Baud/8 Bit       ■         VUSB 2.0 High Speed Slave for PC-connection       ■         Ethernet 10/100 Base T, LPD, RawIP-Printing, tp-Printing, DHCP, HTTP, FTTP, SMTP, SIMP, TIME, Zerocord, mDNS, SOAP       ■         RS422, RS485 1.200 up to 230.400 Baud/8 Bit       ■         WLAN card 802, 11b/g WEP/WPA PSK (TKIP)       ■         2 x USB Master for       external operation panel, keyboard, scanner, service key         Connection for warning light       ■         Digital I/C interface       ■         cab applicator	ight x Depth x Width mm400 xeight kgLabel sensora-through sensor from the botton / from the topfor leading eflective sensor from the botton / from the toptance to locating edge mmElectronicscocessor high speed 32 Bit ColdFire/Taktrate MHzAM) MBemory IFFS MB Flashot for CompactFlash-card Type Ito for für Wireless LAN-cardttery cache forarning signal	400 x 255 5		
Weight kg       16       17         6. Label sensor       6       16       17         6. Label sensor       for leading edge of the label or punching marks and end of material for printing marks         Reflective sensor from the botton / from the top       for leading edge of the label or punching marks         Distance to locating edge mm       2 - 47         7. Electronics       2         Processor high speed 32 Bit ColdFire/Taktrate MHz       266         (RAM) MB       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       •         Slot for CompactFlash-card Type I       •         Battery cache for       Real-time clock, printout of time and date         Storage of data with shut-down       *         Warning signal       Acoustic signal when error         8. Interfaces       •         Centronics bi-directional acc. IEEE 1284       •         RS232 C1 200 up to 230.400 Baud/8 Bit       •         USB 2.0 High Speed Slave for PC-connection       •         Ethernet 10/100 Base T, LPD, RawIP-Printing, fup-Printing, fup-Printing, OHCP, HTTP, FTP, SMTP, SNMP, TIME, Zerocorn, mDNS, SOAP       •         RS422, RS485 1.200 up to 230.400 Baud/8 Bit       •       •         WLAN card 802.11b/g WEP/WPA PSK (TKIP)       •	Label sensor       for leading e         a-through sensor       for leading e         flective sensor from the botton / from the top       tance to locating edge mm         Electronics       speed 32 Bit ColdFire/Taktrate MHz         AM) MB       speed 32 Bit ColdFire/Taktrate MHz         AM) MB       speed 32 Bit ColdFire/Taktrate MHz         AM or für Vireless LAN-card Type I       speed			
6. Label sensor       for leading edge of the label or punching marks and end of material         Reflective sensor from the botton / from the top       for leading edge of the label or punching marks and end of material         Reflective sensor from the botton / from the top       2 - 47         7. Electronics       2         Processor high speed 32 Bit ColdFire/Taktrate MHz       266         (RAW) MB       64         Memory IFFS MB Flash       8         Slot for für Wireless LAN-card Type I       •         Battery cache for       Real-time clock, printout of time and date         Warning signal       Acoustic signal when error         8. Interfaces       •         Centronics bi-directional acc. IEEE 1284       •         Rs232 C 1.200 up to 230.400 Baud/8 Bit       •         USB 2.0 High Speed Slave for PC-connection       •         Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zerocont, mDNS, SOAP       •         R5422, RS485 1.200 up to 230.400 Baud/8 Bit       •         WLAN card 802.11b/g WEPWPA PSK (TKIP)       •         2.X USB Master for       external operation panel, keyboard, scanner, service key         Connection for external emergency stop       •         Connection for external emergency stop       •         Connection for external	Label sensor       for leading e         e-through sensor       for leading e         flective sensor from the botton / from the top       itance to locating edge mm         tance to locating edge mm       E         Electronics       ocessor high speed 32 Bit ColdFire/Taktrate MHz         AM) MB       emory IFFS MB Flash         et for CompactFlash-card Type I       ot for für Wireless LAN-card         ttery cache for       arning signal	16	38 x 518 x 255	
See-through sensor         for leading edge of the label or punching marks and end of material           Reflective sensor from the botton / from the top         for printing marks           Distance to locating edge mm         2 - 47 <b>7. Electronics</b> 2           Processor high speed 32 Bit ColdFire/Taktrate MHz         266           (RAM) MB         64           Memory IFFS MB Flash         8           Slot for CompactFlash-card Type I         •           Slot for für Wireless LAN-card         •           Battery cache for         Real-time clock, printout of time and date           Storage of data with shut-down         Storage of data with shut-down           Warning signal         Acoustic signal when error           8. Interfaces         •           Centronics bi-directional acc. IEEE 1284         •           RS232 C 1.200 up to 230.400 Baud/8 Bit         •           USB 2.0 High Speed Slave for PC-connection         •           Ethernet 10/100 Base T, LPD, RawIP-Printing, ftpPrinting, ft	e-through sensor for the botton / from the top flective sensor from the botton / from the top tance to locating edge mm <b>Electronics</b> bocessor high speed 32 Bit ColdFire/Taktrate MHz AM) MB emory IFFS MB Flash of for CompactFlash-card Type I of for für Wireless LAN-card ttery cache for arrning signal for the sensor of the		17	
Reflective sensor from the botton / from the top       for printing marks         Distance to locating edge mm       2 - 47         7. Electronics       Processor high speed 32 Bit ColdFire/Taktrate MHz         (RAM) MB       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       •         Slot for für Wireless LAN-card       •         Battery cache for       Real-time clock, printout of time and date         Warning signal       Acoustic signal when error         8. Interfaces       •         Centronics bi-directional acc. IEEE 1284       •         RS232 C 1.200 up to 230.400 Baud/8 Bit       •         USB 2.0 High Speed Slave for PC-connection       •         Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP       •         RS422, RS485 1.200 up to 230.400 Baud/8 Bit       •         WLAN card 802.11b/g WEP/WPA PSK (TKIP)       •         2 x USB Master for       •         Connection for warning light       •         Digital I/O interface       •         cab applicator connection       •         Connection for external emergency stop       •         Connection for external emergency stop       •         Connection for external em	flective sensor from the botton / from the top tance to locating edge mm Electronics Decessor high speed 32 Bit ColdFire/Taktrate MHz AM) MB emory IFFS MB Flash ot for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for arning signal			
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7. Electronics         Processor high speed 32 Bit ColdFire/Taktrate MHz       266         (RAM) MB       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       •         Slot for für Wireless LAN-card       •         Battery cache for       Real-time clock, printout of time and date         Storage of data with shut-down       •         Warning signal       Acoustic signal when error         8. Interfaces       •         Centronics bi-directional acc. IEEE 1284       •         RS232 C 1.200 up to 230.400 Baud/8 Bit       •         USB 2.0 High Speed Slave for PC-connection       •         Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP       •         RS422, RS485 1.200 up to 230.400 Baud/8 Bit       •         WLAN card 802.11b/g WEP/WPA PSK (TKIP)       •         2 x USB Master for       •         Connection for warning light       •         Digital I/O interface       •         cab applicator connection       •         Connection for external emergency stop       •         Connection for compressed air       •         9. Operation data       •         Power supply       100 - 240 V ~ 50/60	Electronics Decessor high speed 32 Bit ColdFire/Taktrate MHz AM) MB Emory IFFS MB Flash ot for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for arning signal	for printing marks		
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(RAM) MB       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       •         Slot for für Wireless LAN-card       •         Battery cache for       •         Battery cache for       Real-time clock, printout of time and date         Storage of data with shut-down       Storage of data with shut-down         Warning signal       Acoustic signal when error         8. Interfaces       •         Centronics bi-directional acc. IEEE 1284       •         RS232 C 1.200 up to 230.400 Baud/8 Bit       •         USB 2.0 High Speed Slave for PC-connection       •         Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP       •         RS422, RS485 1.200 up to 230.400 Baud/8 Bit       •         WLAN card 802.11b/g WEP/WPA PSK (TKIP)       •         2 x USB Master for       •         Connection for warning light       •         Digital I/O interface       •         cab applicator connection       •         Connection for external emergency stop       •         Connection for compressed air       •         9. Operation data       •         Power supply       100 - 240 V ~ 50/60 Hz, PFC	AM) MB emory IFFS MB Flash ot for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for erning signal			
(RAM) MB       64         Memory IFFS MB Flash       8         Slot for CompactFlash-card Type I       •         Slot for für Wireless LAN-card       •         Battery cache for       •         Battery cache for       Real-time clock, printout of time and date         Storage of data with shut-down       Storage of data with shut-down         Warning signal       Acoustic signal when error         8. Interfaces       •         Centronics bi-directional acc. IEEE 1284       •         RS232 C 1.200 up to 230.400 Baud/8 Bit       •         USB 2.0 High Speed Slave for PC-connection       •         Ethernet 10/100 Base T, LPD, RawIP-Printing, ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME, Zeroconf, mDNS, SOAP       •         RS422, RS485 1.200 up to 230.400 Baud/8 Bit       •         WLAN card 802.11b/g WEP/WPA PSK (TKIP)       •         2 x USB Master for       •         Connection for warning light       •         Digital I/O interface       •         cab applicator connection       •         Connection for external emergency stop       •         Connection for compressed air       •         9. Operation data       •         Power supply       100 - 240 V ~ 50/60 Hz, PFC	AM) MB emory IFFS MB Flash ot for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for erning signal	266		
Slot for CompactFlash-card Type I       Image: CompactFlash-card Type I         Slot for für Wireless LAN-card       Image: CompactFlash-card Type I         Battery cache for       Real-time clock, printout of time and date Storage of data with shut-down         Warning signal       Acoustic signal when error <b>8. Interfaces</b> Image: CompactFlash-card Type I         Centronics bi-directional acc. IEEE 1284       Image: CompactFlash Compa	ot for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for arning signal	64		
Slot for CompactFlash-card Type I       Image: CompactFlash-card Type I         Slot for für Wireless LAN-card       Image: CompactFlash-card Type I         Battery cache for       Real-time clock, printout of time and date Storage of data with shut-down         Warning signal       Acoustic signal when error <b>8. Interfaces</b> Image: CompactFlash-card Type I         Centronics bi-directional acc. IEEE 1284       Image: CompactFlash Compa	ot for CompactFlash-card Type I ot for für Wireless LAN-card ttery cache for arning signal	8		
Slot for für Wireless LAN-card       Image: Constraint of the state o	et for für Wireless LAN-card ttery cache for trining signal			
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8. Interfaces         Centronics bi-directional acc. IEEE 1284         RS232 C 1.200 up to 230.400 Baud/8 Bit         USB 2.0 High Speed Slave for PC-connection         Ethernet 10/100 Base T, LPD, RawIP-Printing,         ftp-Printing, DHCP, HTTP, FTP, SMTP, SNMP, TIME,         Zeroconf, mDNS, SOAP         RS422, RS485 1.200 up to 230.400 Baud/8 Bit         WLAN card 802.11b/g WEP/WPA PSK (TKIP)         2 x USB Master for         Connection for warning light         Digital I/O interface         cab applicator connection         Connection for external emergency stop         Connection for compressed air         9. Operation data         Power supply       100 - 240 V ~ 50/60 Hz, PFC				
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Zeroconf, mDNS, SOAPRS422, RS485 1.200 up to 230.400 Baud/8 BitWLAN card 802.11b/g WEP/WPA PSK (TKIP)2 x USB Master forConnection for warning lightDigital I/O interfacecab applicator connectionConnection for external emergency stopConnection for compressed air9. Operation dataPower supply100 - 240 V ~ 50/60 Hz, PFC				
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WLAN card 802.11b/g WEP/WPA PSK (TKIP)2 x USB Master forconnection for warning lightDigital I/O interfacecab applicator connectionConnection for external emergency stopConnection for compressed air9. Operation dataPower supply100 - 240 V ~ 50/60 Hz, PFC				
2 x USB Master forexternal operation panel, keyboard, scanner, service keyConnection for warning lightImage: Connection for warning lightDigital I/O interfaceImage: Connection for connectionConnection for external emergency stopImage: Connection for compressed airConnection for compressed airImage: Connection for compressed air9. Operation dataImage: Connection for compressed airPower supply100 - 240 V ~ 50/60 Hz, PFC				
Connection for warning lightDigital I/O interfacecab applicator connectionConnection for external emergency stopConnection for compressed air9. Operation dataPower supply100 - 240 V ~ 50/60 Hz, PFC		al operation papel keyboard so	anner service kev	
Digital I/O interfaceImage: Constraint of the sector of the s				
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Connection for compressed airImage: Connection for compressed air9. Operation dataPower supply100 - 240 V ~ 50/60 Hz, PFC				
9. Operation data           Power supply         100 - 240 V ~ 50/60 Hz, PFC				
Power supply 100 - 240 V ~ 50/60 Hz, PFC				
			DEC	
			donsing	
Approvals CE, FCC class A, CB, CCC, UL	provais	UE, FUU CIASS A, UB, CUU	J, UL	

<sup>1)</sup> The label size is additionally defined through the type of the applicator. Depending on label size, material and adhesive limitations are possible. Critical material or applications have to be testet and cleared.

### Technical data 6

10. Operation panel         Tasten /       Pause, Feed, Cancel, Menue, Enter,         LED-Anzeigen       4 x Cursor         LCD graphic display       Text 4 lines, ca. 20 digits per line         Width x Heigh mm       60 x 40         11. Settings       digital or analog clock time system settings date print parameters interfaces 25 language settings security         12. Monitoring       Warning if:         Run out of ribbon       ■         Run out of labels       ■
LED-Anzeigen       4 x Cursor         LCD graphic display       Text 4 lines, ca. 20 digits per line         Width x Heigh mm       60 x 40         11. Settings       digital or analog clock time system settings date print parameters interfaces 25 language settings security         12. Monitoring       Warning if:         Run out of ribbon       ■         Run out of labels       ■
LCD graphic display       Text 4 lines, ca. 20 digits per line         Width x Heigh mm       60 x 40         11. Settings       digital or analog clock time system settings date print parameters interfaces 25 language settings security         12. Monitoring       Warning if:         Run out of ribbon Run out of labels       ■
Width x Heigh mm       60 x 40         11. Settings       digital or analog clock system settings       time date         print parameters       interfaces       25 language settings       security         12. Monitoring       Warning if:       Run out of ribbon Run out of labels       ∎
11. Settings       digital or analog clock system settings       time date         print parameters       interfaces         25 language settings       security         12. Monitoring       Warning if:       Run out of ribbon Run out of labels
digital or analog clock system settingstime date print parameters 25 language settings12. MonitoringWarning if:Run out of ribbon Run out of labels
system settingsdateprint parametersinterfaces25 language settingssecurity <b>12. Monitoring</b> Warning if:Run out of ribbonRun out of labelsImage: Colspan="2">Image: Colspan="2">Image: Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2">Colspan="2"Colspan
25 language settingssecurity <b>12. Monitoring</b> Run out of ribbonImage: SecurityWarning if:Run out of ribbonImage: SecurityRun out of labelsImage: Security
12. MonitoringWarning if:Run out of ribbonRun out of labels
Warning if: Run out of ribbon Run out of labels
Run out of labels
Otop printing if: East of vible an
Stop printing if: End of ribbon
End of labels
Printhead open
On the display: Data reception Clock
WLAN field intensity Date sheet
Ethernet state abc Debug Used memory Input buffer
Temperat. printhead Remaining of ribbon
Access to memory card
13. Test routines
System diagnosis When switched on with testing
of printhead
Short Status, font list, device list, WLAN state,
Status print profile of label, test grid, monitor mode,
PPP state
Status reports Extensive status print with information
about setting, e.g. print length counter,
runtime counter etc.
Request of machine state via software
command. Detailed status messages
on the display, e.g. network error-no
link, barcode error etc.
14. Fonts
Font types 5 Bitmap fonts incl. OCR-A, OCR-B and 3 Vector fonts Swiss 721, Swiss 721 Bold
and Monospace 821 available internally,
loadable TrueType fonts.
Optional Chinese (simplified Chinese)
Optional Thai
Character sets Windows 1250 up to 1257, DOS 437,
737, 775, 850, 852, 857, 862, 864, 866,
869, EBCDIC 500, ISO 8859-1 up to -10
and -13 up to -16, WinOEM 720, UTF-8,
Macintosh Roman, DEC MCS, K018-R.
All West and East European latin, cyrillic,
greek, hebrew and arabic caracters are
supported. Optional Thai and Chinese
Bitmap-Fonts Size of width and height 1 - 3 mm
zoom 2-10. Orientation 0°, 90°, 180°, 270'
Vector-/TrueType fonts Size of width and height 0.9 - 128 mm
variable zoom, Orientation 360° in steps of 1°
Font formats Bold, italic, underlined, outline, negative,
grey, vertical, depending on character
fonts
Font width Variable

15. Graphics		
Graphic elements	Line, arrow, box, c	ircle ellinse
Graphic clements	filled and filled with	
Graphic formats	PCX, IMG, BMP, T	
16. Codes	FOA, IIVIG, DIVIF, T	II, MAO, GII, FNG
		hatada aya d O/E
Linear Barcodes	Code 39, Code 93 Code 39 Full ASCI Code 128 A, B, C Codabar EAN 8, 13 EAN/UCC 128 EAN/UPC Append EAN/UPC Append FIM HIBC	I Ident- and leader code of Deut- sche Post AG JAN 8, 13 MSI ix 2 Plessey
2D-Codes	Micro PDF 417, UP RSS 14 truncated,	, Data Matrix, PDF 417, S Maxicode, QR-Code limited, stacked and ional, EAN-Datamatrix
All codes variable in h	eiaht. module width	and ratio.
Orientation 0°, 90°, 18	30°, 270°.	
Optionally with check		cters and Start/Stop
code depending on c		·
17. Software		
Programming	J-Script direct pro	aramming
-00	abc-Basic Compile	0
	Database Connect	
System diagnosis/	printer monitoring	
Administration	Network Manager	
cab Label software	cablabel R2 Lite	
	cablabel R2 Pro	
	Easylabel, Codesc	ft 🗌
Additional	Nicelabel, Bartend	or
Label software	Label Matrix, Labe	
Windows driver	32/64 bit for	
	Windows 2000	Windows 7
	XP	Server 2003
	Vista	Server 2003
Stand-alone	VISIA	
operation		

Standard

Option

Authorised distribution by resellers O

Please recall current data from www.cab.de

The specifications are according to our current technical knowledge. They are subject to change.

### Accessories for transfer printer Hermes<sup>+</sup> 7



#### Cover

Protection from pollution and for safety during labelling.



#### **Base plate**

Solid stands are mounted to the chassis for standing applications.



Warning light Indicates the printer's status and is installed directly on the printer, the mounting bracket or stand.



### External operation panel

Connection USB, Keys: Menue, Pause, Feed, Cancel, 4 x Cursor, graphic display 120 x 32 dots, Slot for CF-card Typ I



#### Present trigger

In semi-automatic operation the present trigger is used to start a complete print and apply cycle.



#### Foot switch

In semi-automatic operation the printing and applying of a label is started by actuating the foot switch.



#### Photo cell

To start the print and apply operation by identifying the product on a conveyor belt.



For easy connection the sub-D plug is equipped with a screwed clamp.



The operation and the compliance with CE-standards is only warranted by using cab-made materials or materials recommended by cab.

### Applicator 1000L 300 8

#### 1 Compressed Air Supply Unit

Assembled to the printer, frame or stand. The micro filter avoids contamination, the pressure regulator ensures the print and apply quality.

#### 2 Long operating life

All guides have ball bearings and are therefore resistant to wear.

#### **3** Variable product heights

The lift cylinder allows labelling in different heights. It is standard available in 200/300/400 mm length. More lengths on request.

#### 4 High process reliability

The supporting air jet streaming and the induction air as well as the lifting speed are adjustable and controlled via sensors.

#### 5 Real time application

Applicators for small and big labels permit the application of labels with a height of 25 - 250 mm and a width of 20 - 116 mm.

#### 6 Protective cover (not shown)

Used in the semi-automatic operation mode Standard size 1 for labels W x H up to 70 x 80 mm 2 for labels W x H up to 116 x 80 mm Further sizes on request.

#### **7** Retractable applicator

Easy and fast access to the printers 'mechanics for material change or for maintenance work.





Label transfer	Tamp	Roll-on	Blow
Label width mm	20 - 116	25 - 116	25 - 116
Label height mm	25 - 200	80 - 250	25 - 100
Cylinder stroke mm		200 / 300 / 400	
Tamp stroke below			
the device mm	136/236/336	136/236/336	120/220/320
Compressed air bar		4 - 4,5	
Product surface		flat	
Product height variable			—
fixed	-	-	
Product in rest		_	
in motion	_		

### Assembling aids 9

### **The Hermes stand**

The Hermes stand enables the user to operate the printer fast and flexible in any production line. The labelling position is adjustable to the product in height and width with just a few turns. Four guide rollers on the chassis ensure mobility. On site, the stand is adjustable by foot-rests. Maximum labelling height is about 1400 mm.



Bracket and clamp joint mounted to the stand



0.2

Bracket and flange joint mounted to the stand

Print and Apply System hanging



Profile dim.:50 x 50 mmSupplier:Rose+KriegerArticle-no.:4.08.5000

The bracket enables the mounting of the printer in a hanging position.

#### Clamped joint





The clamped joint permits the mounting of the printer vertically, horizontally and rotated by 90°. By moving the profiles in the universal joint the label is positioned onto the product.





The flanged joint permits the rototation of the printer around the extruding axis and compensates angular tolerances.

### Software tools 10

J	Job Start
H 100	Speed (100 mm/s)
OR	Orientation rotated by 180°
S I1;0,0,68,70,100	Size of label (100x68 mm, gap 2 mm)
T 10,10,0,5,pt20;sample	Text object/font: Swiss bold, 20 pt
B 10,20,0,EAN-13,SC2;401234512345	Barcode EAN 13, size SC 2
G 8,3.5,0;R:30,9,0.3,0.3	Graphic, box 30 x 9 mm,
	Line strength 0.3 mm
A 1	Number of labels (in this example 1)

### SAP<sup>®</sup> Printer Vendor Program



Upload-Method SAP R/3 note no. 137431



🚥 cabDatabaseConnector				
Check Database Connection ServerSettings				
20.02.2008 14:22:31 Connection succeeded. 20.02.2008 14:23:37 192.168 3.54 Port: 1796 cab Printer connect. 20.02.2008 14:23:59 SELECT * FROM article WHERE artm='5905558' 20.02.2008 14:24:01 SELECT * FROM article WHERE artm='5905558'				
cab Produkttechnik GmbH & Co KG 🦷 ca	bDatabaseConnector Version 3.5	1.		



ab Network Manage	,	and the second		
Device Tools Options	e Helb			
Ø 🛤 %	0 A 2 0	* ?		
Name	Type	Address	Status	Pin
-CAB-	csb A4+/000	192.160.3.54	Ready	8-9
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	cab D4+(300	192,168,2,111	nia	0-1
Bupport	cab A6+/380	192.168.3.50	n/a	0-1

#### **Direct programming with J-Script**

The printer language is easy to understand and integrate into your host system. Linkage of variable data with host application. Label design, graphics and fonts are recorded on the compact flash card. The host computer sends only the variable data to the printer.

#### Integration into SAP R/3

In collaboration with SAP cab developed the so-called "Replace method" in order to control the cab printers with SAPScript from SAP/R3.

As Silver Level-partner in SAP's Printer Vendor Program cab has access to the SAP development area for optimal printer support in an SAP environment.

SAP and R/3 are registered trademarks of SAP AG.

#### abc - Basic Compiler

As an integrated element of the firmware it enables the printer to process data via BASIC programming before being transmitted to print editing. Thereby external printer languages can be replaced or data from other systems, e.g. SPS or a scale, can be transferred to be printed on different label sizes.

Example of use: Connection to a scale



#### **Database Connector**

In the stand-alone mode with additional network connection the Database connector enables stand-alone printers to link up data from a SQL-compatible database and to print. Data can be rewritten and modified simultaneously with the printing process.

#### Printer monitoring with Intra- and Internet

The integrated HTTP- and FTP-Server enables, with standard programs like web browser or FTP-clients, the print monitoring, configuration, the firmware-update and the administration of the memory card. Status signals, warning or error signals are sent to users or administrators either as email or SNMP-datagram via SNMP- and SMTP-clients. Synchronization of time and date with a time server.

#### Administration Network Manager

The cab network manager enables the user to govern several printers within the network at the same time. It supports monitoring, configuration, firmware updates, memory card, datasynchronization and PIN-administration centrally.

### Printer driver 11



#### Windows<sup>®</sup> driver

Our drivers are officially certified by Microsoft and ensure the direct creation and printing of

labels from Windows-based programs like Word, Excel, Access, Works, Corel Draw etc.

 $\mathsf{Microsoft}^{\scriptscriptstyle \odot}$  is a registered trademark of  $\mathsf{Microsoft}$  Corporation.



### Label software



cablabel R2	Lite	Pro
Windows 2000 SP4, XP Prof. SP2, Server 2003 SP2, Vista / 32 bit		
Languages	25	19
Label samples		
Undo-function		
Import of graphics		
Graphic barcodes	9	37
Native printer barcodes		
Support Windows driver		
Number of printers	1	99
Database Manager (Access, DBF, ASCII, OLEDB, ODBC)		
cab Database Connector		
Stand-alone operation		
Support printer real-time clock		
Internal printer counter		
Text alignment		
User input (formular)		
Formula editor		
UCC/EAN 128 and Maxicode wizard		

The ideal design of a label is realizable by using different fonts, heights, widths and arrangements. cab offers a large number of internal bitmap and vector fonts. Most of the country-specific codepages are supported, which means that country-specific special characters can be printed – in 25 languages.

#### cablabel R2 Lite

Extensive standard label software. You get it - free of charge - included in delivery.

#### cablabel R2 Pro

Maximum flexibility – whether simple texts, barcodes, graphics or the connection of databases. A wizard supports the creation of a UCC/EAN 128 barcode. It helps to open and handle several labels at the same time. Objects can be copied, moved and inserted into another label. It provides its own internal printer drivers which can communicate with the printer functions individually via J-Script.

#### Additional label software

Optimum variability – the label printers and the print & apply systems from cab can be easily controlled with other merchantable software like Codesoft, Easylabel, Bartender, NiceLabel or Labelview.

## Delivery program Print and Apply Hermes<sup>+</sup> 12

	Part No.	Hardware		Part No.	Applicators with accessories
			0	Part NO.	Applicators with accessories
I C	5955504	Label printer Hermes <sup>+</sup> 4L/200-2	H	5964139	Applicator 1000L-200
	5955505	Label printer		5964075	Applicator 1000L-300
Red O		Hermes <sup>+</sup> 4L/300-2	1	5964140	Applicator 1000L-400
12-00	5955506	Label printer	S.A		
	5955511	Hermes <sup>+</sup> 4L/600-2 Label printer Hermes <sup>+</sup> 4L/200-3		5949072	Universal tamp pad A1021   70 x 60
	5955512	Label printer Hermes <sup>+</sup> 4L/300-3	Ai	5949075	Universal tamp pad A1021 90 x 90
	595xxxx.202	Label printer Hermes <sup>+</sup> with automatic ribbon saver		59xxxxx	Tamp pad A1021 B x H
	Content of d	elivery Hardware			
		be E+F, length 1,8 m les USB, length 1,8 m		5949076	Universal tamp pad A1321 116 x 102
	Content of d	elivery CD-ROM		5949077	Universal tamp pad A1321 116 x 152
		anual de/en/fr de/en, in the making		59xxxxx	Tamp pad A1321 B x H
	Programming m Windows printe	r driver 32/64 bit in 19 languages	and the	59xxxx	Blow pad A2021  B x H
	Windows 2000 XP Vista Database Conn	Windows 7 Server 2003 Server 2008 ector en	2	59xxxxx	Roll-on pad A1411 B x H
	cablabel R2 lite Part No.	in 25 languages, Spare parts	*	5955735	Air pressure regulator L for applicator Hermes <sup>+</sup>
			•		
	5954072.001	Printhead 4/203 Printhead 4/300 Printhead 4/600		5955737	Air pressure regulator L for applicator Hermes <sup>+</sup> with additional cut-in valve
	5954072.001 5954077.001 5954180.001	Printhead 4/203 Printhead 4/300 Printhead 4/600		5955737 5955710	for applicator Hermes <sup>+</sup>
	5954072.001 5954077.001 5954180.001	Printhead 4/203 Printhead 4/300 Printhead 4/600 Print roll DR4			for applicator Hermes <sup>+</sup> with additional cut-in valve
	5954072.001 5954077.001 5954180.001 5955638.001	Printhead 4/203 Printhead 4/300 Printhead 4/600 Print roll DR4 Traction roller ZR4		5955710	for applicator Hermes <sup>+</sup> with additional cut-in valve Present trigger TR1
	5954072.001 5954077.001 5954180.001 5955638.001 Part No.	Printhead 4/203 Printhead 4/300 Printhead 4/600 Print roll DR4 Traction roller ZR4 Accessories		5955710 5955711	for applicator Hermes <sup>+</sup> with additional cut-in valve Present trigger TR1 Foot switch applicator SPS Product sensor SPS Interface connector SUB-D-plug 25 pole
	5954072.001 5954077.001 59554180.001 5955638.001 Part No. 5961070	Printhead 4/203 Printhead 4/300 Printhead 4/600 Print roll DR4 Traction roller ZR4 Accessories Cover L Base plate		5955710 5955711 5955712	for applicator Hermes <sup>+</sup> with additional cut-in valve Present trigger TR1 Foot switch applicator SPS Product sensor SPS Interface connector SUB-D-plug 25 pole Phoenix Contact No. 2761622
	5954072.001 5954077.001 5955638.001 Part No. 5961070 5955642 5537747.001	Printhead 4/203 Printhead 4/300 Printhead 4/600 Print roll DR4 Traction roller ZR4 Accessories Cover L Base plate		5955710 5955711 5955712	for applicator Hermes <sup>+</sup> with additional cut-in valve Present trigger TR1 Foot switch applicator SPS Product sensor SPS Interface connector SUB-D-plug 25 pole
	5954072.001 5954077.001 5955638.001 Part No. 5961070 5955642 5537747.001	Printhead 4/203 Printhead 4/300 Printhead 4/600 Print roll DR4 Traction roller ZR4 Accessories Cover L Base plate Warning light		5955710 5955711 5955712 5917651 5964116	for applicator Hermes <sup>+</sup> with additional cut-in valve Present trigger TR1 Foot switch applicator SPS Product sensor SPS Interface connector SUB-D-plug 25 pole Phoenix Contact No. 2761622 Cover tamp pad 1L
	5954072.001 5954077.001 5955638.001 Part No. 5961070 5955642 5537747.001 5954380.001	Printhead 4/203 Printhead 4/300 Printhead 4/600 Print roll DR4 Traction roller ZR4 Accessories Cover L Base plate Warning light External operation panel Compact keyboard USB, Cherry		5955710 5955711 5955712 5917651 5964116	for applicator Hermes <sup>+</sup> with additional cut-in valve Present trigger TR1 Foot switch applicator SPS Product sensor SPS Interface connector SUB-D-plug 25 pole Phoenix Contact No. 2761622 Cover tamp pad 1L
	5954072.001 5954077.001 5955638.001 Part No. 5961070 5955642 5537747.001 5954380.001 5901630	Printhead 4/203 Printhead 4/300 Printhead 4/600Print roll DR4 Traction roller ZR4AccessoriesCover LBase plateWarning lightExternal operation panelCompact keyboard USB, Cherry Classic Line G84-4100 LCMStandard keyboard USB		5955710 5955711 5955712 5917651 5964116	for applicator Hermes <sup>+</sup> with additional cut-in valve Present trigger TR1 Foot switch applicator SPS Product sensor SPS Interface connector SUB-D-plug 25 pole Phoenix Contact No. 2761622 Cover tamp pad 1L

### Delivery program Print and Apply Hermes<sup>+</sup> 13

	Dout No.	Accomplian cide		Devt N-
	Part No. 5955685	Assembling aids Bracket profile 50 x 50 mm Supplier: Rose+Krieger		Part No. 5954200 5954201
a construction of the second sec		Art. no. 4.08.5000		5954191
	5905824	Joint KV 50		
7.2	8914443	Clamped joint profile 50 x 50 mm Supplier: Rose+Krieger Art. no. 4.08.5000		5561041
	8914444	Flange clamp profile 50 x 50 mm		Part No.
1		Supplier: Rose+Krieger Art. no. 4.08.5000		5550818
-	5947400	Stand 1600	0	5918008
				Part No.
	5955713	Testbox 3 automatic operation		DL 4010
				5580215
				5580221 on reque
				9008486

	Part No.	Interfaces
G	5954200 5954201	Centronics interface RS422/RS485 interface
G	5954191	Label selection - I/O-Box
	5561041	WLAN-card 802.11 b/g
	Part No.	Connecting cable
Ç	5550818	Cable RS232 C 9/9-pin, length 3 m
9	5918008	Patch cable KAT 5e, 3 m grey
	Part No.	Software
erlauses	DL 40100	Database Connector Licence
0.00	5580215	Administration Network Manager
	<b>5580221</b> on request	Label software cablabel R2 Pro Easylabel, Codesoft
	9008486	Programming manual English, printed copy

### The cab delivery program





Label printer e4

Label printer XD4



Print and Apply

Hermes

Label printer MACH4



Print module PX-series



Label dispenser HS150



Label software





Laser marking systems FL-series





Ribbons

Laser safety housing





- Headquarter in Germany
- cab subsidiaries 350 distribution partners in more than 80 countries.









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cab Produkttechnik GmbH & Co KG Postfach 1904 76007 Karlsruhe Wilhelm-Schickard-Str. 14 76131 Karlsruhe

Telefon +49 721 6626-0 Telefax +49 721 6626-249 www.cab.de info@cab.de

#### France

cab technologies s.a.r.l. F-67350 Niedermodern Téléphone +33 388 722 501 www.cab.de info@cab-technologies.fr

#### España

cab España S.L. E-08304 Mataró (Barcelona) Teléfono +34 937 414 605 www.cab.de info@cabsl.com

#### USA

cab Technology Inc. Tyngsboro MA, 01879 Phone +1 978 649 0293 www.cabtechn.com

info@cabtechn.com

#### South Africa

cab Technology (Pty.) Ltd. 2125 Randburg Phone +27 11-886-3580 www.cab.de info@cabtech.co.za

#### Asia 亞 洲 分 公 司 希爱比科技股份有限公司 cab Technology Co, Ltd. 台灣台北縣中和市中正路 700 號 9F-8 Junghe 23552, Taipei, Taiwan Thone +886 2 8227 3966 鋼址 www.cabasia.net 調問 cabasia@cab.de

#### China 中国

铠博(上海)貿易有限公司 cab (Shanghai) Trading Co.,Ltd 上海市延安西路 2299号11C60 室 €# Phone +86 21 6236-3161 询问 cabasia@cab.de

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