cab
we identify more

Products need labeling

Print modules
for industrial use

PX Q
Made in Germany

PX Q

cab PX Q

Print modules PX Q

Full functionality, high reliability, comfortable operation and low downtime related to maintenance! The PX Q print and peel-off module has been designed specifically for printing and labeling fully automatically in industrial applications. It can be integrated in any orientation of assembly to solve even complex marking tasks.

A torsion-resistant cast aluminum construction is basis to assemble all the components of the print mechanics. Food-safe coating and stainless steel casings add to the perfect shape with special features. Screwing is compatible to the devices of competitors.

1.1

The universal one
Industrial device for accurate imprint

Print module		PX Q4.3		PX Q4	
Printable resolution	dpi	203	300	300	600
Print speed	up to mm/s	300	300	300	150
Print width	up to mm	104	108.4	105.7	105.7

1.2

The wide one
Suitable for Odette and UCC labels

Print module		PX Q6.3	
Printable resolution	dpi	203	300
Print speed	up to mm/s	250	250
Print width	up to mm	168	162.6

Directions of label transfer

PX Q print module 'L'

to the left

PX Q print module 'R'

to the right

All the print modules are provided as left-hand and right-hand versions. As for printable resolutions, PX Q users can choose from 300 and 600 dpi, the PX Q4.3 and PX Q6.3. offer 203 and 300 dpi.

Details

❶ Operation panel
Operating the device is intuitive and simple with the help of self-explanatory symbols to configure settings

❷ Ribbon holder
Three-part tightening axles enable the ribbon to be replaced quickly and easily.

❸ Rugged metal chassis
made of cast aluminum; basis to assemble all units

❹ Plungers
One plunger is fixed on the inner side. A second one is moved that far to the label margin, until a good print image evokes.

❺ Print head
All print heads are freely interchangeable at equal width. Easy replacement

❻ Automatic ribbon saving (option)
The print head is lifted during label feed and the ribbon is stopped.

❼ Print roller removal
It can be easily removed or inserted in the cases of cleaning or wear.

❽ Simple replacement of materials
Label materials are inserted until lateral stop.
The print head and wipe-down rollers are locked by levers.

❾ Label sensor
A gap sensor or a reflective sensor position the imprint precisely on the label and detect the end of the material.

❿ Material backfeed
After a label has been peeled off, the next one can be retracted to behind the print line. By this, the whole label can be printed and adhesive leaking is avoided during a longer pause. In case sensitive materials are processed and to prevent the ribbon from wrinkling, the print head can be lifted.

Imprint accuracy
The smaller a label, the higher are the requirements on the imprint accuracy. With the help of the adjustable slip correction, print offset can be reduced by ±0.2 mm.

Operation panel

Operating the device is intuitive and simple with the help of self-explanatory symbols to configure settings.

❶ LED signal: Power ON

❶ Status bar: data reception, record data stream, ribbon pre-warning, SD memory card / USB memory stick plugged, WLAN, Ethernet, USB slave, time

❸ Printer status: Ready, Pause, number of labels printed in a print job, label in peel-off position, awaiting external start signal

❹ USB slot to connect the Service Key or a memory stick, in order to transfer data to the IFFS memory
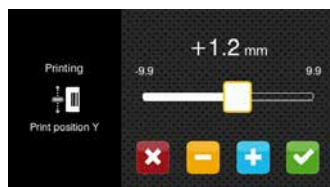
❺ Operation

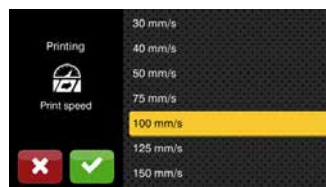|	
	Print label
	Jump to menu
	Reprint last label
	Interrupt and continue print job
	Stop and delete all print jobs
	Label feed

Setup options

Print parameters

Print position Y

Print speeds

Depending from the orientation of assembly, display is either in landscape or portrait mode.

Printer rotated by 90°

Video tutorials

External operation panel

If the operation panel of a printer cannot be accessed, an additional external one can be plugged.

Same functionality as on the printer

Landscape or portrait mode

Operability as desired on the external operation panel or on the printer

Printer connectivity: USB 2.0 Hi-Speed device

❶ LED: Power ON

❷ USB port to plug a service key or a memory stick, to transfer data to the IFFS memory

❸ Connecting USB cable for power supply cab provides specified cables. Lengths are 1.8 m to 16 m.

Print heads

2.1

All print heads are freely interchangeable at equal width.
They are automatically detected and calibrated by the CPU.
The print distance to the locating edge can be adjusted.

Major data such as running performance, maximum operating
temperature and heat energy are directly stored in the print head.
The data can be read at the plant.

Print heads for print module PX Q4 - 300, 600 dpi
providing sharp-edged print images
suitable for small fonts and graphics on typeplates
suitable for markings on materials with high energy needs

Print heads for print modules PX Q4.3 and PX Q6.3 - 203, 300 dpi
durable; suitable for rough surroundings and thermal direct printing

Print rollers

2.9

Two types of material:

Print rollers DR
Coating: synthetic rubber
They suit for highly accurate imprint and are provided as standard.

Print rollers DRS
Coating: silicone
They have an extra long service life at a higher imprint tolerance.

Interfaces

❶ Slot to connect a **SD memory card**

❷ **2 x USB Host** to connect a Service Key, an USB stick,
a keyboard, an USB WLAN stick, external operation panel

❸ **USB 2.0 Hi-speed device** to connect a PC

❹ **Ethernet 10/100 Mbit/s**

❺ **RS232C** 1,200 to 230,400 baud/8 bit
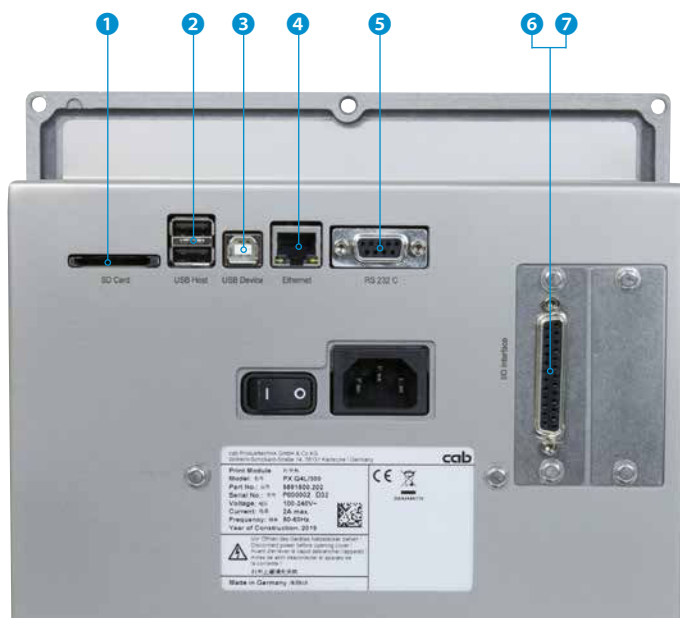
Digital I/O interfaces; compliant with IEC/EN 61131-2, type 1+3
All inputs and outputs are galvanically isolated and protect from
reverse polarity. In addition, outputs are short circuit protected.

❻ **Digital I/O interface 24 VDC;** 25 pin SUB-D socket connector

Inputs PNP	Outputs PNP, NPN
Start printing	Device ready
Reprint	Print data available
Delete print job	Label in peel-off position
Label removed	Paper feed ON
Stop printing	Pre-warning to ribbon ending
Label feed	End of ribbon and/or end of
Pause	labels
Reset	Printer error
	Printing started

❼ **Digital I/O interface 5 VDC; 15 pin** SUB-D socket connector

Inputs PNP	Outputs PNP, NPN
Label feed	Pre-warning to ribbon ending
Reprint	End of ribbon
Start printing	End of labels
Pause	Print data available
Delete print job	End of printing
	Printer error

Options
are parts or units to perform special functions. They are assembled to a printer in addition to or instead of standards.

If order implies options be assembled ex factory, the part numbers of such printers and options are added by .250. Options delivered separately are added by .001.

Pos.	Designation	1.1 PX Q4.3	1.2 PX Q4	1.3 PX Q6.3	.250	.001
3.1	Automatic ribbon saving	☐	☐	☐	●	-
3.2	Print roller DRS	☐	☐	☐	●	●
3.3	Digital I/O interface 24 VDC	☐	☐	☐	●	●
3.4	Digital I/O interface 5 VDC	☐	☐	☐	●	●
3.5	2 port Ethernet Switch 10/100 Mbit/s	☐	☐	☐	●	●
3.6	Interface for plugging an external label sensor	☐	☐	☐	●	●
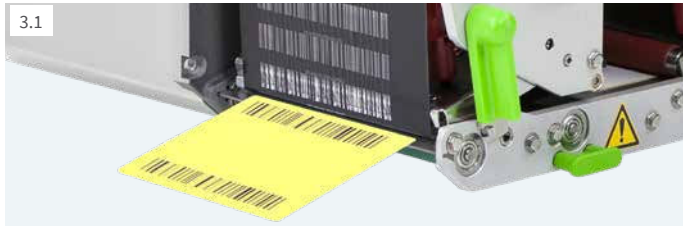
Automatic ribbon saving
Use is recommended in cases of at least 60 mm unprinted area on a label. While labels are fed, the print head is lifted and the ribbon stopped, resulting in less material consumption.

Print roller DRS
providing a silicone coating. Product life is extra long, taken a higher print offset into account on a label.

Digital I/O interface 24 VDC
25 pin SUB-D socket connector

Digital I/O interface 5 VDC
15 pin SUB-D socket connector

2 port Ethernet Switch 10/100 Mbit/s
to connect another terminal device in a joint network.
Signals are looped through

Interface for plugging an external label sensor
M12 plug, 5 pins, a-coded
Plug-compatible with CEON and other sensors based on PNP and 24 V

Accessories

Accessorial products are plugged or screwed to a printer by the customer.

Pos.	Designation	1.1 PX Q4.3	1.2 PX Q4	1.3 PX Q6.3
2.1	SD memory card	☐	☐	☐
2.2	USB memory stick	☐	☐	☐
2.3	USB WLAN stick	☐	☐	☐
2.4	USB WLAN stick including a rod antenna	☐	☐	☐
2.5	USB Bluetooth adapter	☐	☐	☐
2.6	I/O interface connector SUB-D, 25 pins	☐	☐	☐
2.7	I/O interface connector SUB-D, 15 pins	☐	☐	☐
2.8	External operation panel	☐	☐	☐
	Connecting USB cable	☐	☐	☐
2.9	Label selection - I/O box	☐	☐	☐
2.10	Connecting RS232 C cable	☐	☐	☐
2.11	Interface cover unit	☐	☐	☐

2.1 **SD memory card**

2.2 **USB memory stick**

2.3 **USB WLAN stick**
2.4 GHz 802.11b/g/n
hotspot or infrastructure mode

2.4 **USB WLAN stick including a rod antenna**
to extend the range of operation
2.4 GHz 802.11b/g/n + 5 GHz 802.11a/n/ac
hotspot or infrastructure mode

2.6 **I/O interface connector SUB-D, 25 pins**
All control signals can be attached to
the I/O interface using clamping screws.

2.7 **I/O interface connector SUB-D, 15 pins**
All control signals can be attached to
the I/O interface using clamping screws.

2.8 **External operation panel**
If the operation panel of a printer cannot
be accessed, an additional external one
can be plugged.

Same functionality as on the printer

Landscape or portrait mode

Operability as desired on the external
operation panel or on the printer

Printer connectivity:
USB 2.0 Hi-Speed device

cab provides specified **connecting
USB cables** for power supply.
Lengths are 1.8 m to 16 m.

2.9 **Label selection - I/O box**
A maximum of 16 different labels
can be selected from a memory card
by a master control unit, e.g. PLC.

2.10 **Connecting RS232 C cable**
9/9 pins, 3 m

2.11 **Interface cover unit**
to protect from humidity
and contamination

Device functionality and compliance with CE standards are only guaranteed using accessories provided or recommended by cab.

Technical data

● typical ■ standard □ option

Print module	Type	PX Q4.3		PX Q4		PX Q6.3	
Printing method Thermal transfer		●	●	●	●	●	●
Thermal direct		●	●	–	–	●	●
Printable resolution	dpi	203	300	300	600	203	300
Print speed	up to mm/s	300	300	300	150	250	250
Print width	up to mm	104	108.4	105.7	105.7	168	162.6
Print length	up to mm	13,500	6,000	6,000	1,500	9,000	4,000
Direction of label transfer		L to the left or R to the right					
Print distance to locating edge	for L and R mm	1	1	1	1	1	1
with automatic saving L and R mm		3.2/2.6	1/0.4	2/2	2/2	1.2/1.2	3.9/3.9
Material							
Labels		Paper, plastics such as PET, PE, PP, PI, PVC, PU, acrylate, Tyvec					
Labels[1] Width	mm	10 - 116		10 - 116		50 - 174	
Height without backfeed from mm		6		6		12	
Height with backfeed from mm		12		12		25	
Thickness up to mm		0.60		0.60		0.60	
Liner material Width	mm	16 - 120		16 - 120		50 - 178	
Thickness	mm	0.03 - 0.16					
Ribbon[2] Ink side		outside or inside					
Roll diameter up to mm		90					
Core diameter	mm	25.4					
Variable length up to m		600					
Width	mm	25 - 114		25 - 114		50 - 170	
Automatic saving		□		□		□	
Print module dimensions and weights							
Width x Height x Depth	mm	245 x 300 x 333				245 x 300 x 393	
Weight	kg	11.5				12	
Label sensor with position indication							
Gap sensor	for	labels, punch marks or print marks and end of material					
Reflective sensor reflex from below	for	print marks on non-transparent liner materials and end of material					
Distance of sensor to locating edge	mm	4 - 60		4 - 60		4 - 60	
Material passage	mm	2					
Electronics							
Processor 32 bit clock rate	MHz	800					
Main memory (RAM)	MB	256					
Data memory (IFFS)	MB	50					
Slot to connect a SD memory card (SDHC, SDXC)		■					
Battery for time and date, real-time clock		■					
Data memory when power is switched off (e.g. serial numbering)		■					
Interfaces							
RS232C 1,200 to 230,400 baud/8 bit		■					
USB 2.0 Hi-speed device to connect a PC		■					
Ethernet 10/100 Mbit/s IPv4 and IPv6		LPD, RawIP printing, SOAP web service, OPC UA, WebDAV DHCP, HTTP/HTTPS, FTP/FTPS, TIME, NTP, Zeroconf, SNMP, SMTP, VNC					
2 x USB host on the control panel, 2 x USB host on the back of a unit		Service Key, USB stick, USB WLAN stick, USB WLAN stick with a rod antenna, keyboard, barcode scanner, external control panel					
Digital I/O interface 24 VDC with 8 inputs and 9 outputs		□					
Digital I/O interface 5 VDC with 5 inputs and 6 outputs		□					
2-Port Ethernet Switch 10/100 Mbit/s		□					
Operating data							
Power supply		100-240 VAC, 50/60 Hz, PFC					
Power consumption		Standby < 10 W / typical 100 W / max. 200 W					
Temperature / humidity Operation		+5 - 40°C / 10 - 85 %, not condensing					
Stock		0 - 60°C / 20 - 85 %, not condensing					
Transport		–25 - 60°C / 20 - 85 %, not condensing					
Approvals		CE, UKCA, FCC Class A, ICES-3, cULus, CB, RCM					

[1] Limitations may apply to small labels, thin materials or strong adhesives. Critical applications need to be tested.
[2] The ribbon should at least correspond with the width of the liner material.

Technical data

■ standard   □ option

Operation panel

Colored LCD touch display	Screen diagonal	"	4.3
	Resolution Width x Height	px	480 x 272

Setup options

	Print Labels Ribbon Peel-off Apply Interfaces Error	Region: - Language - Country - Keyboard - Time zone Time Display: - Brightness - Power saving mode - Orientation Interpreter

Status bar

	Data reception Record datastream Ribbon warning SD memory card plugged in USB memory stick plugged in	WLAN Ethernet USB slave Time

Monitoring

	Ribbon	Direction of winding Pre-warning End of material	Print roller for backfeed open
	Labels	End of material	
	Print head	Voltage Temperature open	

Test routines

System diagnostics	on start-up, including print head detection	
Information display, test printout, analysis	Status printout Fonts list List of devices WLAN status Record print data on memory card	Test grid Label profile List of events Monitor mode

Status reports	- Printout of device settings,
	  e.g. print lengths and service hours
	- Device status request by software command
	- Display of, e.g., network errors, no links,
	  barcode errors, periphery errors, etc.	

Fonts

Font types provided internally	5 Bitmap fonts: 12 x 12 dots 16 x 16 dots 16 x 32 dots OCR-A OCR-B	7 vector fonts: AR Heiti Medium GB-Mono CG Triumvirate Condensed Bold Garuda HanWangHeiLight Monospace 821 Swiss 721 Swiss 721 Bold
to be stored	TrueType fonts	
Character sets	Windows-1250 to -1257 DOS 437, 737, 775, 850, 852, 857, 862, 864, 866, 869 EBCDIC 500 ISO 8859-1 to -10 and -13 to -16 WinOEM 720 UTF-8 MacRoman DEC MCS KOI8-R Western European Eastern European Chinese simplified Chinese traditional Thai	 Cyrillic Greek Latin Hebrew Arabic

cab uses free and Open Source Software in its products.
For information see **www.cab.de/opensource**

Fonts

Bitmap fonts	Widths and heights 1 - 3 mm Zoom factors 2 to 10 Orientations 0°, 90°, 180°, 270°
Vector-/ TrueType fonts	Widths and heights 0,9 - 128 mm Continuous zoom Orientation 360° in steps of 1°
Font styles	bold, italic, underlined, outline, inverse - depending from the font types
Character spacing	variable or monospace for fixed character spacings

Graphics

Graphic elements	Lines, arrows, rectangles, circles, ellipses - filled or filled with fading
Graphic formats	PCX, IMG, BMP, TIF, MAC, GIF, PNG

Codes

1D barcodes (linear)	Code 39, Code 93 Code 39 Full ASCII Code 128 A, B, C EAN 8, 13 EAN/UCC 128/GS1-128 EAN/UPC Appendix 2 EAN/UPC Appendix 5 FIM HIBC	Interleaved 2/5 Ident and routing code of Deutsche Post Codabar JAN 8, 13 MSI Plessey Postnet RSS 14 UPC A, E, E0
2D and stacked codes	DataMatrix DataMatrix Rectangle Extension QR code Micro QR code rMQR code GS1 QR code GS1 DataMatrix GS1 Digital Link (QR and DataMatrix) PDF 417 Micro PDF 417 UPS MaxiCode GS1 DataBar Aztec Codablock F Dotcode RSS 14 truncated, limited, stacked, stacked omni-directional	
	All codes are variable in terms of height, modular width and ratio; orientations 0°, 90°, 180°, 270° check digit, plain text printout and start / stop code are options depending from the type of code	

Software

Label software	cablabel S3 Lite cablabel S3 Viewer cablabel S3 Pro cablabel S3 Print	■ ■ □ □
Running also with	CODESOFT Loftware Spectrum NiceLabel BarTender	
Stand-alone operation		■
Windows printer drivers certified WHQL for	Windows 10 Server 2016 Windows 11 Server 2019 Server 2022	■
Apple printer drivers	Mac OS X 10.6 or any later release	■
Linux printer drivers	CUPS 1.2 or any later release	■
Programming	JScript printer language abc Basic Compiler ZPL II (Datastream be tested in advance)	■ ■ □
Integration	SAP Database Connector	■ ■
Administration	Printer control Configuration in Intranet and Internet	■ ■

cablabel S3 software

Designing, printing, administrating

cablabel S3 opens up the full potential of cab devices.
First of all, the label must be designed. cablabel S3 is of a modular design which makes it adaptable to requirements step by step.
To support functions like native JScript programming, elements such as the JScript Viewer are embedded as plug-ins.
The designer user interface and the JScript code are synchronized in real time. Special functions like the Database Connector or barcode testers can be integrated.

For further information see
www.cab.de/en/cablabel

Stand-alone printing

A printer can select and print labels even when the system is disconnected from a host.

Labels are designed using software such as cablabel S3 or a text editor on a PC. Label formats, texts, graphics and data taken from a database are transferred to a memory card, a USB memory stick or the internal IFFS memory.

Only variable data are sent to the printer using a keyboard, a barcode scanner, scale or another host system and/or are recalled from a host by the Database Connector and printed.

OPC UA

The latest cab printers are ready to interact with machines and components of different manufacturers in industrial plants.

An OPC UA server and a client are part of the firmware.

The server enables a printer be configured and controlled. Dynamic print data can be edited using a defined programming interface.

The integral client enables reading data fields from other machines ready for OPC UA, as well as transferring data to a label.
No additional software is needed.

Printer control

Drivers

cab provides drivers to control a printer with software other than cablabel S3.

Free download on **www.cab.de/en/support**

Programming

JScript

To control a printer, cab developed the embedded JScript programming language. Free manual download on **www.cab.de/en/programming**

abc Basic Compiler

An integral part of the firmware, it adds to JScript in terms of programming a printer before data are edited for processing. For example, external printer languages can be replaced without intervening in the print job in process. Data may be transferred also from other systems, such as scales, barcode scanners or PLC.

Connecting to SAP®

Labels can be printed from SAP[1] on cab devices and systems. There are various methods:

- Printing with SAPscript
- Printing with SmartForms
- Printing with Adobe Interactive Forms

See instructions in detail on **www.cab.de/en/sap**

[1] SAP and associated logos are trademarks or registered trademarks of SAP SE

Printer administration

Configuration on the Intranet / Internet

cab printers integrate a HTTP and FTP server. A printer can be controlled and configured, firmware updated and memory cards managed using a standard web browser or FTP client. Administrators and operators are notified of states, warnings and errors via email or datagrams, based on a SNMP/ SMTP client. Time and date are synchronized by a time server.
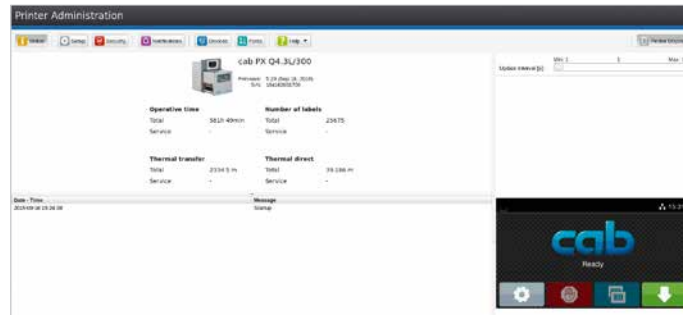
Database Connector

Printers connected to a network are enabled to access data directly from a central ODBC / OLEDB database and transfer it to a label. While labels are printed, data can be rewritten to the database..

PX Q delivery program

Print modules L

Pos.		Part no.	Designation
1.1		5591501	Print module PX Q4.3L/200 I/O 24 VDC
		5591502	Print module PX Q4.3L/300 I/O 24 VDC
		5591503	Print module PX Q4L/300 I/O 24 VDC
		5591504	Print module PX Q4L/600 I/O 24 VDC
1.2		5591505	Print module PX Q6.3L/200 I/O 24 VDC
		5591506	Print module PX Q6.3L/300 I/O 24 VDC

xxxxxxx.250 if PX Q provides options

Print modules R

Pos.		Part no.	Designation
1.1		5591510	Print module PX Q4.3R/200 I/O 24 VDC
		5591511	Print module PX Q4.3R/300 I/O 24 VDC
		5591512	Print module PX Q4R/300 I/O 24 VDC
		5591513	Print module PX Q4R/600 I/O 24 VDC
1.2		5591514	Print module PX Q6.3R/200 I/O 24 VDC
		5591515	Print module PX Q6.3R/300 I/O 24 VDC

xxxxxxx.250 if PX Q provides options

	Scope of PX Q print module delivery
	PX Q print module Power cable Type E+F, 1.8 m Connecting USB cable, 1.8 m Assembly instructions DE/EN/FR
	Available online
https://setup.cab.de/en	Assembly instructions DE/EN/FR, Configuration manuals DE/EN/FR Service manuals DE/EN Spare parts lists DE/EN Programming manual EN Windows printer drivers certified WHQL for 　　Windows 10　　Server 2016 　　Windows 11　　Server 2019 　　　　　　　　　Server 2022 Apple Mac OS X printer drivers DE/EN/FR Linux printer drivers DE/EN/FR cablabel S3 Lite software and Viewer Database Connector (not active)

Options

Pos.		Part no.	Designation
3.1		5591794.250	Automatic ribbon saving 4L
		5591796.250	Automatic ribbon saving 6L
		5591795.250	Automatic ribbon saving 4R
		5591797.250	Automatic ribbon saving 6R
3.2		5954985.xxx	Print roller DRS4
		5954979.xxx	Print roller DRS6
3.3		6010372.xxx	Digital I/O interface 24 VDC
3.4		6010512.xxx	Digital I/O interface 5 VDC
3.5		6010520.xxx	2-Port Ethernet Switch 10/100 Mbit/s
3.6		5591816.xxx	Interface for plugging an external label sensor

xxx - .250 assembled to the printer
.001 delivered separately

Scopes of delivery, design and technical specifications correspond to the date of the printing. Subject to change. The data provided in the catalog do not represent any warranty or guarantee.
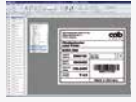
Information is available also on the Internet:
www.cab.de/en/pxq

PX Q delivery program

Accessories

Pos.		Part no.	Designation
2.1		5977370	SD memory card
2.2		5977730	USB memory stick
2.3		5978912	USB WLAN stick 2.4 GHz 802.11b/g/n
2.4		5977731	USB WLAN stick including a rod antenna 2.4 GHz 802.11b/g/n + 5 GHz a/n/ac
2.6		5917651	I/O interface connector SUB-D, 25 pins
2.7		5917652	I/O interface connector SUB-D, 15 pins
2.8		6010186	External operation panel
		5907718.850	Connecting USB cable, 1.8 m
		5907730.850	Connecting USB cable, 3 m
		5907750.850	Connecting USB cable, 5 m
		5907760.850	Connecting USB cable, 11 m
		5907765.850	Connecting USB cable, 16 m
2.9		5948205	Label selection - I/O box
2.10		5550818	Connecting RS232 C cable 9/9 pins, 3 m
2.11		5591753	Interface cover unit

Label software

Pos.		Part no.	Designation
11.9		Bundle	cablabel S3 Lite (download on cab.de/en)
		5588001	cablabel S3 Pro, 1 WS
		5588100	cablabel S3 Pro, 5 WS
		5588101	cablabel S3 Pro, 10 WS
		5588150	cablabel S3 Pro, 1 add. licence
		5588151	cablabel S3 Pro, 4 add. licences
		5588152	cablabel S3 Pro, 9 add. licenses
		5588002	cablabel S3 Print, 1 WS
		5588105	cablabel S3 Print, 5 WS
		5588106	cablabel S3 Print, 10 WS
		5588155	cablabel S3 Print, 1 add. licence
		5588156	cablabel S3 Print, 4 add. licenses
		5588157	cablabel S3 Print, 9 add. licenses
		in preparation	cablabel S3 Print Server
11.10		9008486	Programming manual EN, printed copy

Wear parts

Pos.		Part no.	Designation	dpi
		5977382.001	Print head 4.3	200
		5977383.001	Print head 4.3	300
		5977444.001	Print head 4	300
		5987070.001	Print head 4	600
		5977386.001	Print head 6.3	200
		5977387.001	Print head 6.3	300
		5954180.001	Print roller DR4	
		5954245.001	Print rollerr DR6	

User languages

Language	Assembly instructions	Control panel	Windows driver	Service manual	cablabel S3
European Union					
Bulgarian		X	X		X
Danish	X	X	X		
German	X	X	X	X	X
Estonian		X	X		
Finnish		X	X		
French	X	X	X		X
Greek	X	X	X		
Italian	X	X	X		X
English	X	X	X	X	X
Croatian		X	X		
Latvian		X	X		
Lithuanian	X	X	X		
Dutch	X	X	X		
Polish		X	X		X
Portuguese		X	X		
Romanian		X	X		
Swedish		X	X		
Slovak	X	X	X		
Slowenian		X	X		
Spanish		X	X		X
Czech	X	X	X		X
Hungarian	X	X	X		
Europe (Non-EU)					
Macedonian		X	X		
Norwegian	X	X	X		
Russian	X	X	X		X
Serbian		X	X		
Turkish		X	X		
Asia					
Chinese (simplified)		X	X		X
Chinese (traditional)		X	X		X
Japanese		X	X		
Korean		X	X		X
Thai		x	X		
Middle East					
Arabian		X			
Persian		X			

Dimensions

Print module weights	PX Q4.3	PX Q4	PX Q6.3
kg	11.5	11.5	12

Overview of cab products

Label printers
MACH1, MACH2

Label printers
EOS 2

Label printers
EOS 5

Label printers
MACH 4S

Label printers
SQUIX 2

Label printers
SQUIX 4

Label printers
SQUIX 6.3

Label printers
SQUIX 8.3

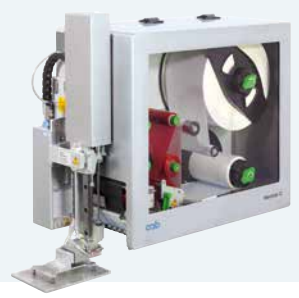Label printers
XD Q double-sided

Label printers
XC Q two-colored

Print and apply systems
HERMES Q

Print and apply systems
Hermes C two-colored

Tube labeling systems
AXON 1

Print modules
PX Q

Labels and ribbons

Label software
cablabel S3

Label dispensers
HS, VS

Labeling heads
IXOR

Marking lasers
XENO 4

Laser marking systems

For product information see **www.cab.de/en**