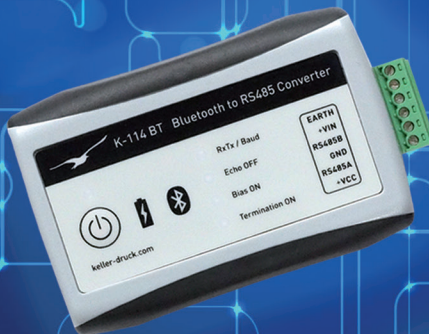


KELLER Interface Converter

USB



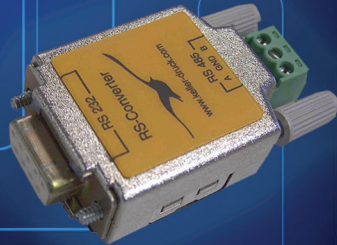
BLUETOOTH



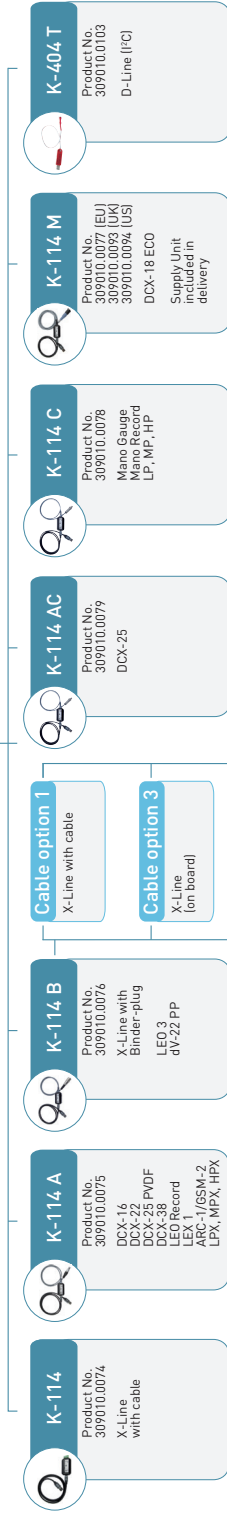
RS232



RS485



USB



Kabeloption 4
LEO 1, LEO 2, ECO 2
(on board)

BLUETOOTH



Cable option 4
LEO 1, LEO 2, ECO 2
(on board)

RS232



Cable option 4
LEO 1, LEO 2, ECO 2
(on board)

Cable option 4
LEO 1, LEO 2, ECO 2
(on board)

Accessories

Supply Units

EU

UK

USA

Auto

K-102 I
K-114 / (A) / (B) / (M) / (AC) / (C)





X-Line (RS485, excl. X)-Line versions with SDI-12 and RS485 (incl. X)-Line versions with RS485 (A, X) Series 36 X-W, Series PD-39 X, Series 41 X, Series 46 X)

on board: X-Line option plug inside the device or on the PCB




Picture	Name	Description	Application (KELLER devices)	Product No.
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USB → RS485

	K-114	<p>Interface converter with screw-type terminal:</p> <ul style="list-style-type: none"> · Supply via USB for one connected final consumer (U-Out = 11,8 VDC / I-Out_{max} = 40 mA) (Supply is provided via an external power supply unit (12–20 VDC) if more than one final consumer is connected) · Measuring the signal voltage applied (0...12 VDC) (Attention: V-IN not connected to screw-type terminals) · Measuring the power consumption of end users (0...150 mA) · Visual status and configuration display (LED) · Total length cable: 1 m · Galvanic isolation (to USB, not to the external power supply) · Selective activation of echo, bias resistors or a terminating resistor · Software CD and USB connection cable included in the scope of delivery 	X-Line with cable	309010.0074
	K-114 A	<p>Interface converter with Fischer-plug/ 5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114 · Total length cable: 1,75 m 	DCX-16 DCX-22 DCX-25 PVDF DCX-38 LEO Record LEX 1 ARC-1/GSM-2 LPX, MPX, HPX	309010.0075
	K-114 B	<p>Interface converter with Binder socket series 680/5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114 · Total length cable: 1,75 m 	X-Line LEO 3 dV-22 PP	309010.0076
	K-114 V	<p>Interface converter with open cable head</p> <ul style="list-style-type: none"> · Same specifications as the K-114 · Total length cable: 1,75 m · For mounting of an individual plug 	Customised, ready to use X-Line	309010.0132


Picture	Name	Description	Application (KELLER devices)	Product No.
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USB → RS485


	K-114 M	Interface converter with M12 socket/5-pin: · Same specifications as the K-114 · Total length cable: 2,3 m · Supply/charging via USB (U-Out = 5 V / I-Out _{max} = 100 mA) (Fast charging from external power supply unit, 12–20 VDC) included in the scope of delivery	DCX-18 ECO	EU: 309010.0077
				UK: 309010.0093

	K-114 AC	Interface converter with Binder plug series 712/5-pin: · Same specifications as the K-114 · Total length cable: 1,75 m	DCX-25	309010.0079
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USB → TTL


	K-114 C	Interface converter with Binder plug series 712/2-pin: · Same specifications as the K-114 · Total length cable: 1,75 m	Old device versions: Mano Gauge Mano Record LP, MP, HP	309010.0078
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USB → I²C


	K-404 T	Interface converter with 5-pin TO-socket (on glass feedthrough) · Supply via USB for one connected final consumer (U-Out = 3,3 VDC / I-Out _{max} = 50 mA) · Internal Pull-up resistances to SDA and SCL, EOC not connected · Short-circuit proof, no galvanic isolation · Total length cable: 25 cm · Software CD included in the scope of delivery	D-Line (e.g. 4 LD...9 LD)	309010.0103
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Picture	Name	Description	Application (KELLER devices)	Product No.
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Bluetooth → RS485

	<p>K-114 BT</p>	<p>Interface converter with screw-type terminal:</p> <ul style="list-style-type: none"> · Bluetooth communication – RS485 / USB – RS485 (half-duplex) · Supplying the connected devices (U-Out = 15 VDC / I-Out_{max} = 150 mA) · Measuring the signal voltage applied (0...12 VDC) · Measuring the power consumption of end users (0...150 mA) · Visual status and configuration display (LED) · Selective activation of echo, bias resistors or a terminating resistor · Software CD and USB connection cable included in the scope of delivery · The battery is charged via the USB interface 	<p>X-Line with cable</p>	<p>309010.0119</p>
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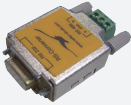
	<p>K-114 BT A</p>	<p>Interface converter with Fischer-plug/ 5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114 BT 	<p>DCX-16 DCX-22 DCX-25 PVDF DCX-38 LEO Record LEX 1 ARC-1/GSM-2 LPX, MPX, HPX</p>	<p>309010.0101</p>
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	<p>K-114 BT B</p>	<p>Interface converter with Binder socket series 680/5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114 BT 	<p>X-Line LEO 3 dV-22 PP</p>	<p>309010.0120</p>
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	<p>K-114 BT V</p>	<p>Interface converter with open cable head</p> <ul style="list-style-type: none"> · Same specifications as the K-114 BT · For mounting of an individual plug 	<p>Customised, ready to use X-Line</p>	<p>309010.0131</p>
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Picture	Name	Description	Application (KELLER devices)	Product No.
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RS232 → RS485

 <p>f</p>	<p>K-102</p>	<p>Converter with screw-type terminal:</p> <ul style="list-style-type: none"> · Converts RS232 to RS485 half-duplex · RS232-connection: 9-pin D-Sub-plug (f) · RS485-connection: 3-pin screwable plug clamp (RS485 A, RS485 B, GND) · Automatic switching between send/receive · Baud rates: 9,6 kbit / 115 kbit 	<p>X-Line with cable</p>	<p>309010.0004</p>
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 <p>f</p> 	<p>K-102 I</p>	<p>Converter (isolated) with screw-type terminal:</p> <p>Same as K-102, but:</p> <ul style="list-style-type: none"> · Galvanic isolation · Power plug for external transmitters (V+, GND) and supply of K-102 I · Power supply (15 V) is required and is provided with the converter · RS232 extension cable (1,8 m) included in the scope of delivery 	<p>X-Line with cable</p>	<p>Europe: 309010.0012</p> <p>UK: 309010.0023</p> <p>USA: 309010.0024</p>
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 <p>m f</p>	<p>K-103 A</p>	<p>Converter cable with Fischer socket series 103:</p> <p>Same as K-102, but with cable (length: 2 m) and Fischer socket Series 103</p>	<p>DCX-16 DCX-22 DCX-25 PVDF DCX-38 LEO Record LEX 1 ARC-1/GSM-2 LPX, MPX, HPX</p>	<p>309010.0002</p>
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 <p>f f</p> 	<p>K-107</p>	<p>Converter with Binder socket series 680/5-pin:</p> <p>Same as K-102, but includes:</p> <ul style="list-style-type: none"> · transmitter supply from integrated 9 Volt battery or external power supply · RS232-connection: 9-pin D-Sub-plug (f) · RS485-connection: Binder-plug Series 723 5-pin (f) · Total length cable: 0,75 m · power supply (15 V) is provided with the converter 	<p>X-Line LEO 3 dV-22 PP</p>	<p>Europe: 309010.0003</p> <p>UK: 309010.0020</p> <p>USA: 309010.0021</p>
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f = female | m = male

Picture	Name	Description	Accessories for	Product No.
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Converter Accessories

 <p style="text-align: center;">m</p>	<p>Cable option 1</p>	<p>Cable adapter (0,4 m) Binder plug series 680/5-Pol (m) to strand clips</p> <ul style="list-style-type: none"> · Transmitters with cable output can be connected e.g. 36 XW 	<p>K-114 BT B K-114 B K-107</p>	<p>309010.0014</p>
 <p style="text-align: center;">f m</p>	<p>Cable option 3</p>	<p>Cable adapter (0,4 m) Binder plug series 680/5-Pol (m) to 6-pin Molex socket (f)</p>	<p>K-114 BT B K-114 B K-107</p>	<p>309010.0016</p>
 <p style="text-align: center;">f</p>	<p>Cable option 4</p>	<p>Cable adapter (1,5 m) cable to 2-pin socket</p> <ul style="list-style-type: none"> · Connection to LEO 1, LEO 2 and ECO 2 	<p>K-114 BT K-114 K-102 K-102 I</p>	<p>309010.0017</p>
 <p style="text-align: center;">f m</p>	<p>Cable option 5</p>	<p>Cable adapter (0,4 m) 5-pin Binder plug series 680/5-Pol (m) to 8-pin Binder cable socket series 423 (f)</p> <ul style="list-style-type: none"> · Suited for dV-2 PS and Castello 	<p>K-114 BT B K-114 B K-107</p>	<p>309010.0041</p>
 <p style="text-align: center;">f f</p>	<p>Cable option 6</p>	<p>Cable adapter (0,4 m) 5-pin Fischer socket series 103 to 5-pin M12</p> <ul style="list-style-type: none"> · Connection to DCX-18 	<p>K-114 BT A K-114 A K-103 A</p>	<p>309010.0066</p>
	<p>Cable option 7</p>	<p>Adapter (0,4 m) from Binder plug series 680/5-Pol (m) to Fischer plug series 103/5-pin (m)</p> <ul style="list-style-type: none"> · Suited for DCX, LEO Record, LEX 1 	<p>K-114 BT B K-114 B K-107</p>	<p>309010.0082</p>
	<p>Cable option 8</p>	<p>Cable adapter (0,4 m) from Binder plug series 680/5-Pol (m) to 6-pin MIL C-26482</p> <ul style="list-style-type: none"> · Connection of transmitters with Souriau plug e.g. 33 X 	<p>K-114 BT B K-114 B K-107</p>	<p>309010.0123</p>

f = female | m = male

Picture	Name	Description	Accessories for	Product No.
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Converter Accessories

	Cable option 9	Cable adapter (0,4 m) from Binder plug series 680/5-Pol (m) to Binder M12/A coded · Suitable for X-Line transmitter with M12 plug	K-114 BT B K-114 B K-107	309010.0127
	Supply Unit Europe	Supply unit 15 V – Europe · DC-Socket · Input: 230 VAC · Output: 15 VDC, 360 mA · Cable length 1,8 m	K-114 K-114 A K-114 B K-114 M K-102 I K-107	309010.0025
	Supply Unit UK	Supply unit 15 V – UK · DC-Socket · Input: 230 VAC · Output: 15 VDC, 360 mA · Cable length 2 m	K-114 K-114 A K-114 B K-114 M K-102 I K-107	309010.0087
	Supply Unit USA	Supply unit 15 V – USA · DC-Socket · Input: 120 VAC · Output: 15 VDC, 360 mA · Cable length 2 m	K-114 K-114 A K-114 B K-114 M K-102 I K-107	309010.0086

f = female | m = male

Picture	Name	Description	Accessories for	Product No.
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Converter Accessories

	Car Adapter Cable	Car adapter cable - Cable length 2 m	K-114 K-114 A K-114 B K-114 M K-102 I K-107	309010.0051
	Software CD	KELLER Software CD includes all KELLER-Softwares and USB-driver for K-114 / K-104 / Manometer Software CDs are delivered with every converter and converter cable. Download for free: www.keller-druck.com	Alle Konverter	750505.0001
	USB Cable	USB Cable (1 m) - Connection: A Mini / B	K-114 BT K-114 BT A K-114 BT B K-114 K-114 A K-114 B K-114 C K-114 AC K-114 M LEO 5	309010.0095


The following interface converters and options are no longer required or have been superseded by new products. To ensure compatibility with older KELLER products, some of them can still be supplied:

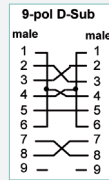
Picture	Name	Description	Accessories for / Application (KELLER devices)	Product No.
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Converter Accessories


	Cable option 2	Cable adapter Binder plug Series 723 (m) to 5-pin Leoco socket	K-104 B K-107	309010.0015
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f m

	Handheld Adapter	Handheld Adapter The Handheld Adapter is required to connect a handheld (Palm) with an interface converter.	K-104 B K-107	309010.0015
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RS232 → TTL

	K-101	Converter cable (2 m) with 2-pin Binder-connector Series 712	Intelligent Manometers (IM) and Calibrators	309010.0001
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m f

RS232 → RS485

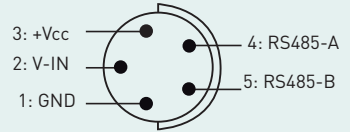
	K-103	Converter cable with Binder socket Series 723	DC-22 G (ø 46 mm)	309010.0054
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f f

f = female | m = male

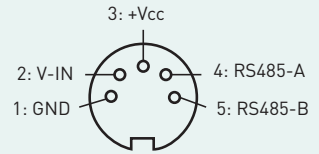
K-114 A
K-114 BT A

Fischer Series 103/5-pin (m)



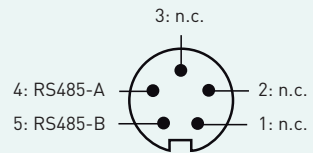
K-114 B
K-114 BT B

Binder Series 680/5-pin (f)



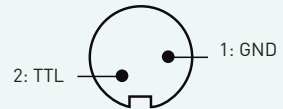
K-114 AC

Binder Series 712/5-pin (m)



K-114 C

Binder Series 712/2-pin (m)

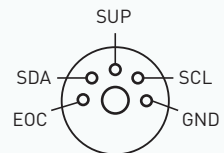


Power supply unit socket K-114



K-404 T

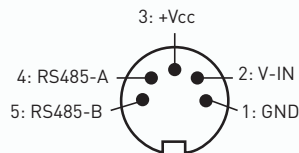
TO-5 (f)



Cabel option 1

Binder Series 723/5-pin (m)

Strand clips

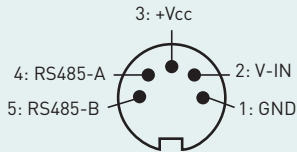


black	bk:	+Vcc
white	wh:	GND
yellow	ye:	RS485-B
blue	bl:	RS485-A
red	rd:	V-IN

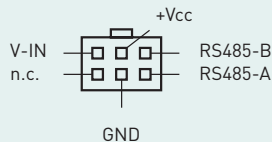
f = female | m = male | n.c. = not connected

Cabel option 3

Binder Series 723/5-pin (m)

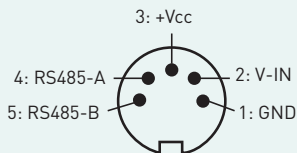


Molex socket 6-pin (f)

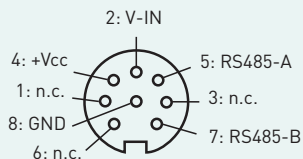


Cabel option 5

Binder Series 723/5-pin (m)

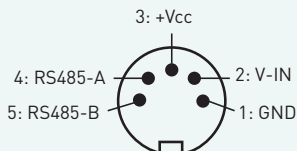


Binder Series 423/8-pin (f)

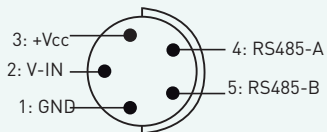


Cabel option 7

Binder Series 723/5-pin (m)

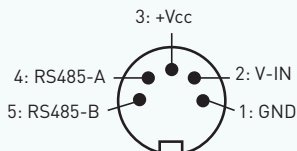


Fischer Series 103/5-pin (m)

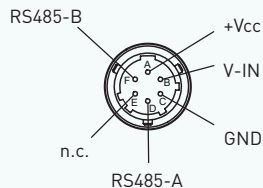


Cabel option 8

Binder Series 723/5-pin (m)

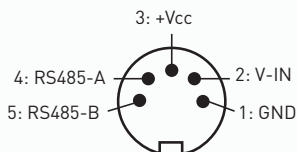


MIL C-26482 (f)

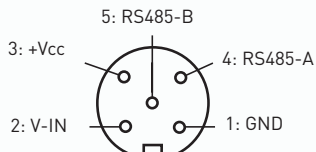


Cabel option 9

Binder Series 723/5-pin (m)



M12/5-pin (f)



f = female | m = male | n.c. = not connected