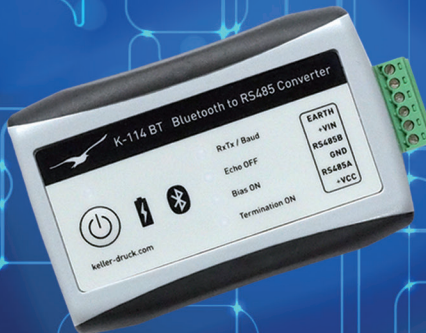


KELLER Interface Converter

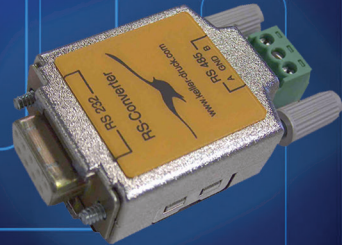
USB



BLUETOOTH



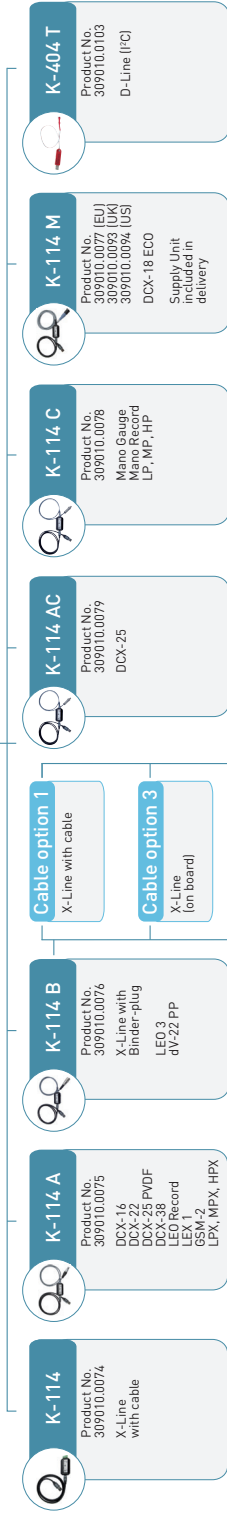
RS232



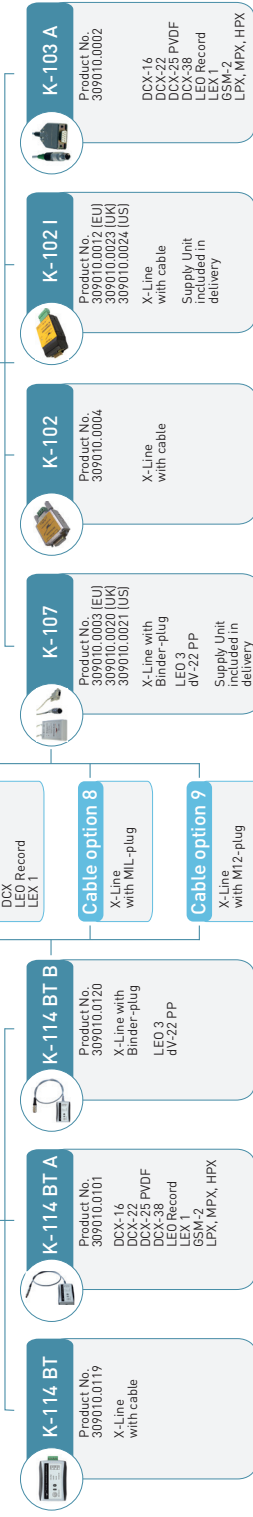
RS485



USB



BLUETOOTH



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. Xi-Line versions with SDI-12 and X-Line versions with SDI-12) and X-Line (Series PD-39, Xi-Series 41, X-Series 46, Xi)

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) · Screw-type terminal with connection for: +Vcc / GND / RS485A / RS485B · 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"> · 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) · Measurement channel: input voltage 0...12 VDC · Visual status and configuration display (LED) · Galvanic isolation (to USB, not to the external power supply) · Total length cable: 1,7 m · Software CD and USB connection cable included in the scope of delivery 	DCX-16 DCX-22 DCX-25 PVDF DCX-38 LEO Record LEX 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"> · 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) · Measurement channel: input voltage 0...12 VDC · Visual status and configuration display (LED) · Galvanic isolation (to USB, not to the external power supply) · Total length cable: 1,7 m · Software CD and USB connection cable included in the scope of delivery 	X-Line LEO 3 dV-22 PP	309010.0076


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


	K-114 M	Interface converter with M12 socket/5-pin: · 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 · Visual status and configuration display (LED) · Galvanic isolation (to USB, not to the external power supply) · Total length cable: 2,3 m · Software CD, power supply and USB connection cable 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: · Visual status and configuration display (LED) · Galvanic isolation · Total length cable: 1,75 m · Software CD and USB connection cable included in the scope of delivery	DCX-25 PVDF	309010.0079
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USB → TTL







	K-114 C	Interface converter with Binder plug series 712/2-pin: · Visual status and configuration display (LED) · Galvanic isolation · Total length cable: 1,75 m · Software CD and USB connection cable included in the scope of delivery	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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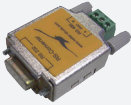
Picture	Name	Description	Application (KELLER devices)	Product No.
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Bluetooth → RS485


 	<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>
 	<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 GSM-2 LPX, MPX, HPX</p>	<p>309010.0101</p>
 	<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>


Picture	Name	Description	Application (KELLER devices)	Product No.
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RS232 → RS485

 <p>f</p>	K-102	<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 	X-Line with cable	309010.0004
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 <p>f</p>	K-102 I	<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 	X-Line with cable	<p>Europe: 309010.0012</p> <p>UK: 309010.0023</p> <p>USA: 309010.0024</p>
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 <p>m f</p>	K-103 A	<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>	DCX-16 DCX-22 DCX-25 PVDF DCX-38 LEO Record LEX 1 GSM-2 LPX, MPX, HPX	309010.0002
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 <p>f f</p>	K-107	<p>Converter set:</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 	X-Line LEO 3 dV-22 PP	<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 m</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


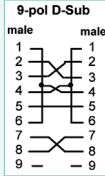
	Car Adapter Cable	Car adapter cable - Cable length 2 m	K-114 K-114 A K-114 B K-114 M K-102 I K-107	309010.0051
	Software CD	KELLER Software CD includes all KELLER-Softwares and USB-driver for K-114 / K-104 / Manometer	Alle Konverter	750505.0001
<p>Software CDs are delivered with every converter and converter cable.</p>		<p>Download for free: www.keller-druck.com</p>		
	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


 <p>f m</p>	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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	Handheld Adapter	Handheld Adapter The Handheld Adapter is required to connect a handheld (Palm) with an interface converter.	 <p>9-pol D-Sub male male</p>	K-104 B K-107	309010.0015
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RS232 → TTL

 <p>m f</p>	K-101	Converter cable (2 m) with 2-pin Binder-connector Series 712	Intelligent Manometers (IM) and Calibrators	309010.0001
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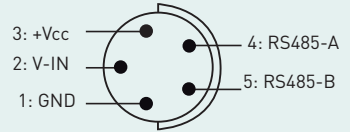
RS232 → RS485

 <p>f f</p>	K-103	Converter cable with Binder socket Series 723	DC-22 G (ø 46 mm)	309010.0054
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f = female | m = male

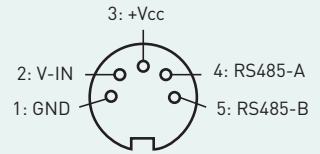
K-114 A
K-114 BT A

Fischer Series 103/5-pin (m)



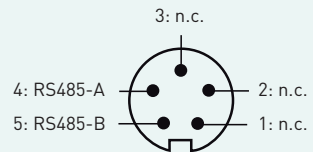
K-114 B
K-114 BT B

Binder Series 680/5-pin (f)



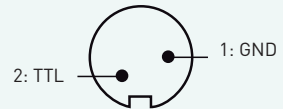
K-114 AC

Binder Series 712/5-pin (m)



K-114 C

Binder Series 712/2-pin (m)

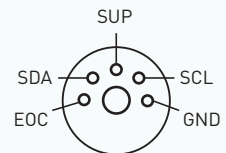


Power supply unit socket K-114



K-404 T

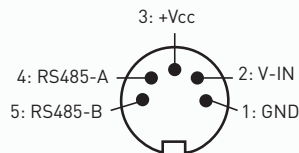
TO-5 (f)



Cabel option 1

Binder Series 723/5-pin (m)

Strand clips

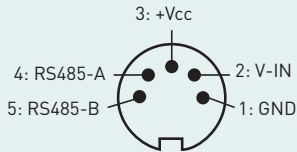


black	bk:	+Vcc
white	wh:	GND
yellow	ye:	RS485-B
blue	bl:	RS485-A
red	rd:	V-IN

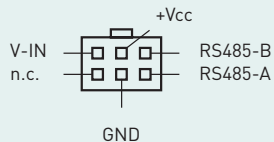
f = female | m = male | n.c. = not connected

Cabel option 3

Binder Series 723/5-pin (m)

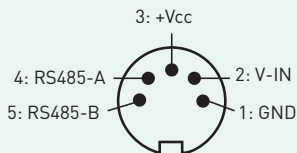


Molex socket 6-pin (f)

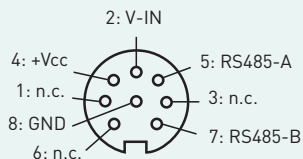


Cabel option 5

Binder Series 723/5-pin (m)

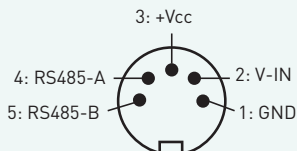


Binder Series 423/8-pin (f)

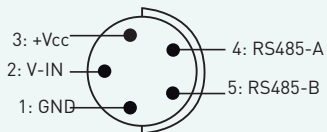


Cabel option 7

Binder Series 723/5-pin (m)

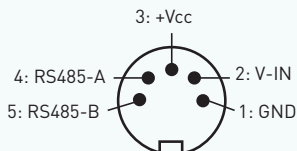


Fischer Series 103/5-pin (m)

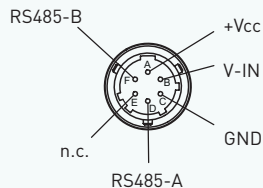


Cabel option 8

Binder Series 723/5-pin (m)

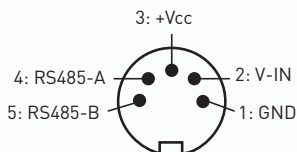


MIL C-26482 (f)

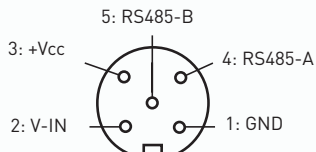


Cabel option 9

Binder Series 723/5-pin (m)



M12/5-pin (f)



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