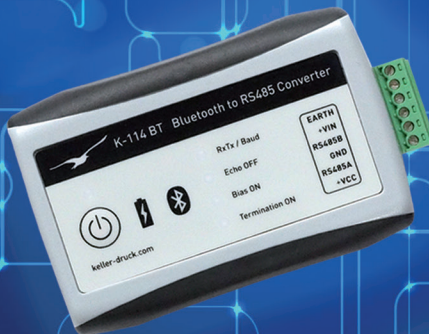


KELLER Interface Converter

USB



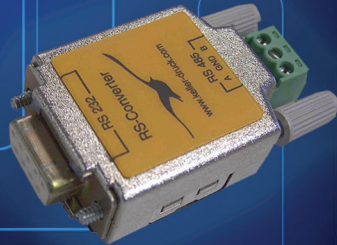
BLUETOOTH



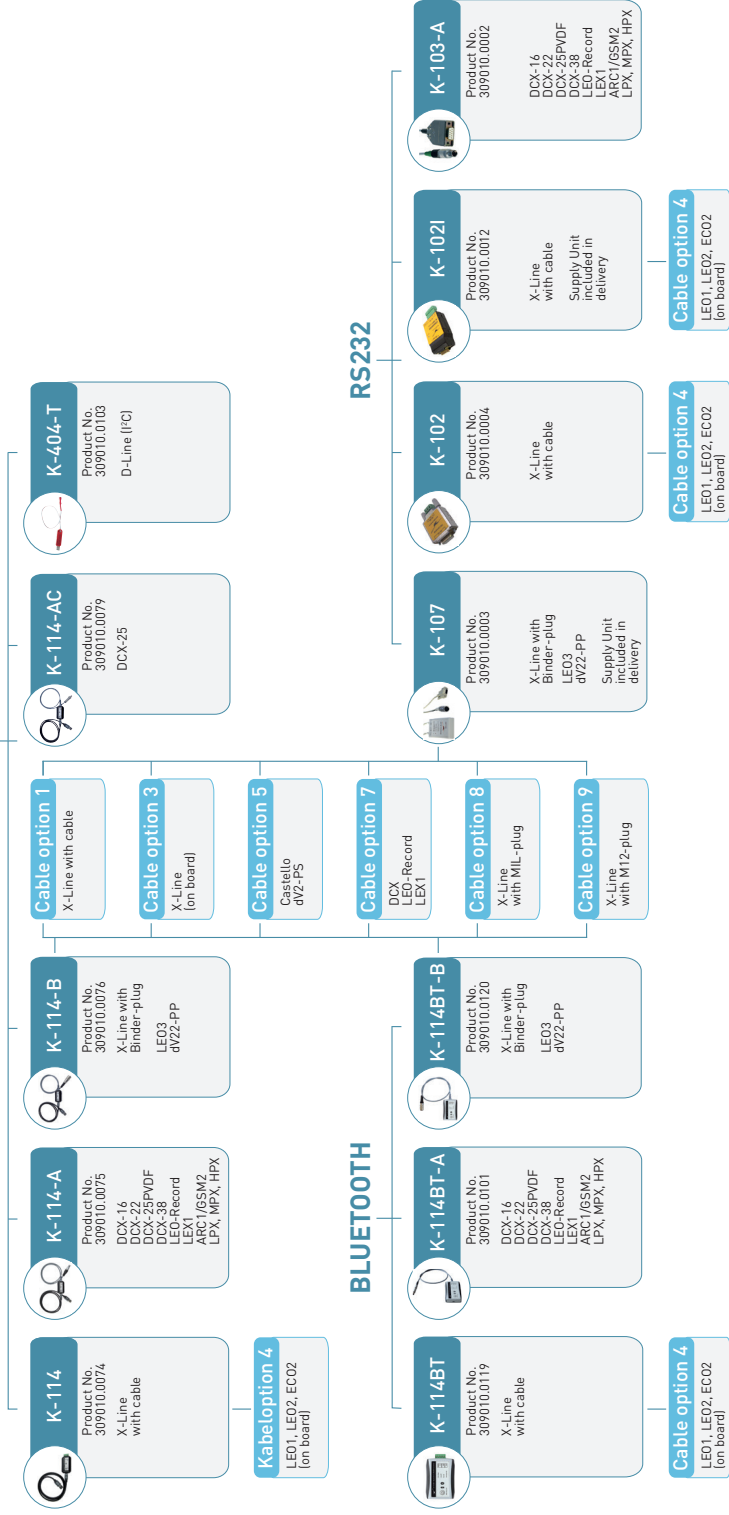
RS232



RS485



USB



RS232

BLUETOOTH

Accessories






Supply Units

K-114- / A / B / C / M / V / AC

X-Line (RS485, excl. Xi-Line versions with SDI-12 and dV22) Cable No. 30910.0073, Series 44X, Series 36XX, Series PD-39X, Series 41X, Series 46X


on board: Connector plug inside the device or on the PCB





Picture	Name	Description	Application (KELLER devices)	Product No.
USB → RS485				
	K-114	<p>Interface converter with screw-type terminal:</p> <ul style="list-style-type: none"> · Supply via USB for a connected device (U-Out = 11,8 VDC / I-Out_{max} = 40 mA) · If several devices are connected, the power is supplied by an external power supply (12–20 VDC) · Measuring the signal voltage applied (0..12 VDC) · (Attention: V-IN not connected to screw-type terminals) · Measuring the power consumption of devices (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 · 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 cable length: 1,75 m 	DCX-16 DCX-22 DCX-25PVDF DCX-38 LEO-Record LEX1 ARC1/GSM2 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 cable length: 1,75 m 	X-Line LEO3 dV22-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 cable length: 1,70 m · For mounting of an individual plug 	Customised, ready to use X-Line	309010.0132
	K-114-AC	<p>Interface converter with Binder plug series 712/5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114 · Total cable length: 1,75 m 	DCX-25	309010.0079


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

	<p>K-114BT</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 · 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-114BT-A</p>	<p>Interface converter with Fischer-plug/ 5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114BT · Total cable length: 0,75 m 	<p>DCX-16 DCX-22 DCX-25PVDF DCX-38 LEO-Record LEX1 ARC1/GSM2 LPX, MPX, HPX</p>	<p>309010.0101</p>
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	<p>K-114BT-B</p>	<p>Interface converter with Binder socket series 680/5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114BT · Total cable length: 0,75 m 	<p>X-Line LEO3 dV22-PP</p>	<p>309010.0120</p>
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	<p>K-114BT-V</p>	<p>Interface converter with open cable head</p> <ul style="list-style-type: none"> · Same specifications as the K-114BT · Total cable length: 0,70 m · 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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USB → USB

	USB Cable	USB Cable (1 m) · Connections: USB-Type A / USB-Type B-Mini	LE05	309010.0095
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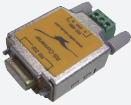
	USB Cable	USB Cable (1 m) · Connections: USB-Type A / USB-Type B-Micro	ADT1	309010.0134
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USB → I²C


	K-404-T	Interface converter with 5-pin TO-socket (on glass feedthrough) · Supply via USB for a pressure transmitter (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 cable length: 25 cm	D-Line (e.g. 4LD...9LD)	309010.0103
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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-102I	<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-102I · Power supply (15 VDC, suitable for EU/GB/US/JP) is required and is provided with the converter · RS232 extension cable (1,8 m) included in the scope of delivery 	X-Line with cable	309010.0012
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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-25PVDF DCX-38 LEO-Record LEX1 ARC1/GSM2 LPX, MPX, HPX	309010.0002
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 <p>f f</p>	K-107	<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 cable length: 0,75 m · Power supply (15 VDC, suitable for EU/GB/US/JP) is provided with the converter 	X-Line LEO3 dV22-PP	309010.0003
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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"> · Suitable for transmitters with cable output e.g. 36XW 	<p>K-114BT-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-114BT-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"> · Suitable for LE01, LE02 and EC02 	<p>K-114BT K-114 K-102 K-102I</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"> · Suitable for dV2-PS and Castello 	<p>K-114BT-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"> · Suitable for DCX-18 	<p>K-114BT-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"> · Suitable for DCX, LEO-Record, LEX1 	<p>K-114BT-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"> · Suitable for transmitters with Souriau plug e.g. 33X 	<p>K-114BT-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-114BT-B K-114-B K-107	309010.0127
	Supply Unit	Supply unit 15 V · Incl. adapter: PLUG-EU, PLUG-GB, PLUG-US/JP · Input: 100–240 VAC / 50–60 Hz · Output: 15 VDC, 500 mA · Total cable length: 1,8 m	K-114 K-114-A K-114-B K-102I K-107	309010.0144
	Car Adapter Cable	Car adapter cable · Total cable length: 2 m	K-114 K-114-A K-114-B K-102I K-107	309010.0051
	USB Cable	USB Cable (1 m) · Connections: USB-Type A / USB-Type B-Mini	K-114BT K-114BT-A K-114BT-B K-114 K-114-A K-114-B K-114-AC	309010.0095


The following interface converters and options are no longer required for the current pressure measuring devices. In order to continue to support the operation of older pressure measuring instruments from KELLER, they remain available.

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

	<p>K-114-M</p>	<p>Interface converter with M12 socket/5-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114 · Total cable length: 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) · Power supply (15 VDC, suitable for EU/GB/US/JP) is provided with the converter 	<p>DCX-18-ECO</p>	<p>309010.0077</p>
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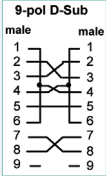
USB → TTL

	<p>K-114-C</p>	<p>Interface converter with Binder plug series 712/2-pin:</p> <ul style="list-style-type: none"> · Same specifications as the K-114 · Total cable length: 1,75 m 	<p>Old device versions: Mano Gauge Mano Record LP, MP, HP</p>	<p>309010.0078</p>
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RS232 → TTL

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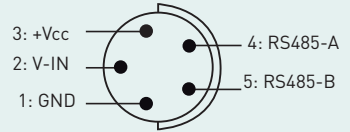
Converter Accessories

	<p>Handheld Adapter</p>	<p>Handheld Adapter The Handheld Adapter is required to connect a handheld (Palm) with an interface converter.</p>		<p>K-104-B K-107</p>	<p>309010.0015</p>
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f = female | m = male

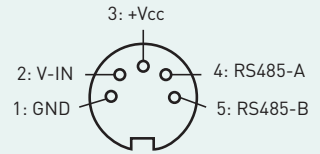
K-114-A
K-114BT-A

Fischer Series 103/5-pin (m)



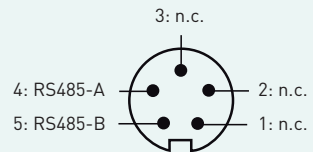
K-114-B
K-114BT-B

Binder Series 680/5-pin (f)



K-114-AC

Binder Series 712/5-pin (m)

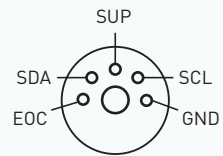


Power supply unit socket K-114



K-404-T

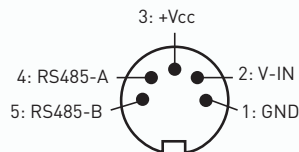
T0-5 (f)



Cabel option 1

Binder Series 723/5-pin (m)

Strand clips

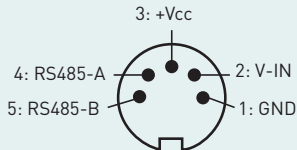


black	bk:	+Vcc
white	wh:	GND
yellow	ye:	RS485-B
blue	bl:	RS485-A
red	rd:	V-IN

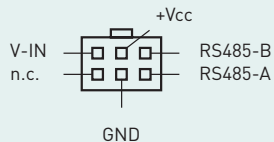
f = female | m = male | n.c. = not connected

Cabel option 3

Binder Series 723/5-pin (m)

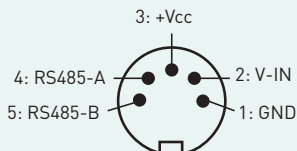


Molex socket 6-pin (f)

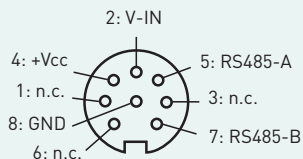


Cabel option 5

Binder Series 723/5-pin (m)

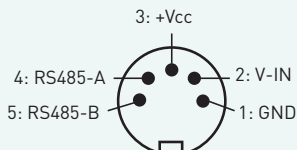


Binder Series 423/8-pin (f)

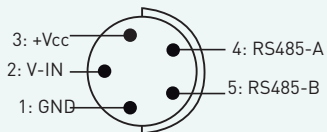


Cabel option 7

Binder Series 723/5-pin (m)

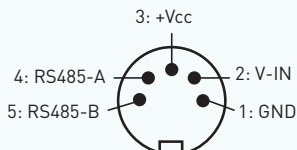


Fischer Series 103/5-pin (m)

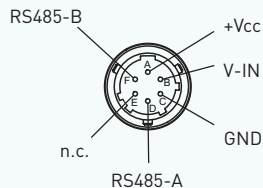


Cabel option 8

Binder Series 723/5-pin (m)

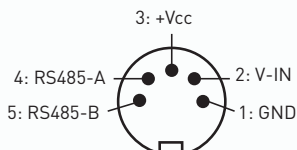


MIL C-26482 (f)

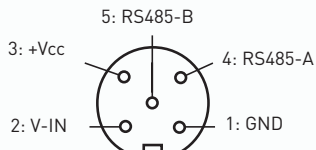


Cabel option 9

Binder Series 723/5-pin (m)



M12/5-pin (f)



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