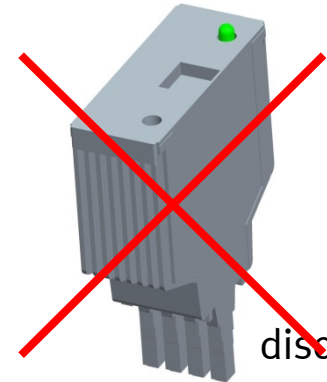
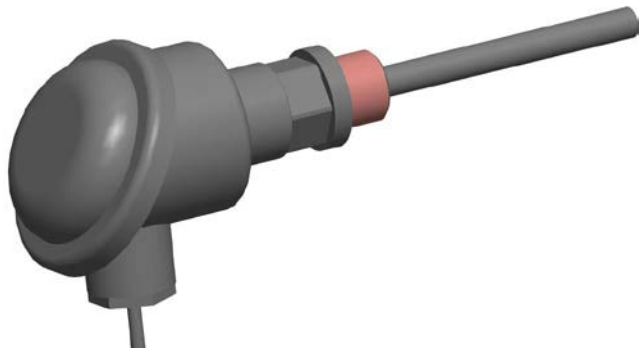


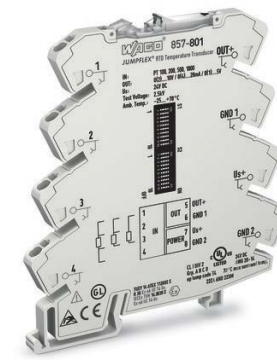
Temperature sensor

Phase-out process – comparison – and information for spare part assembly and wiring

Version: 8.11.2018



discontinued



Phase-out/intermediat

Technical specification - comparison

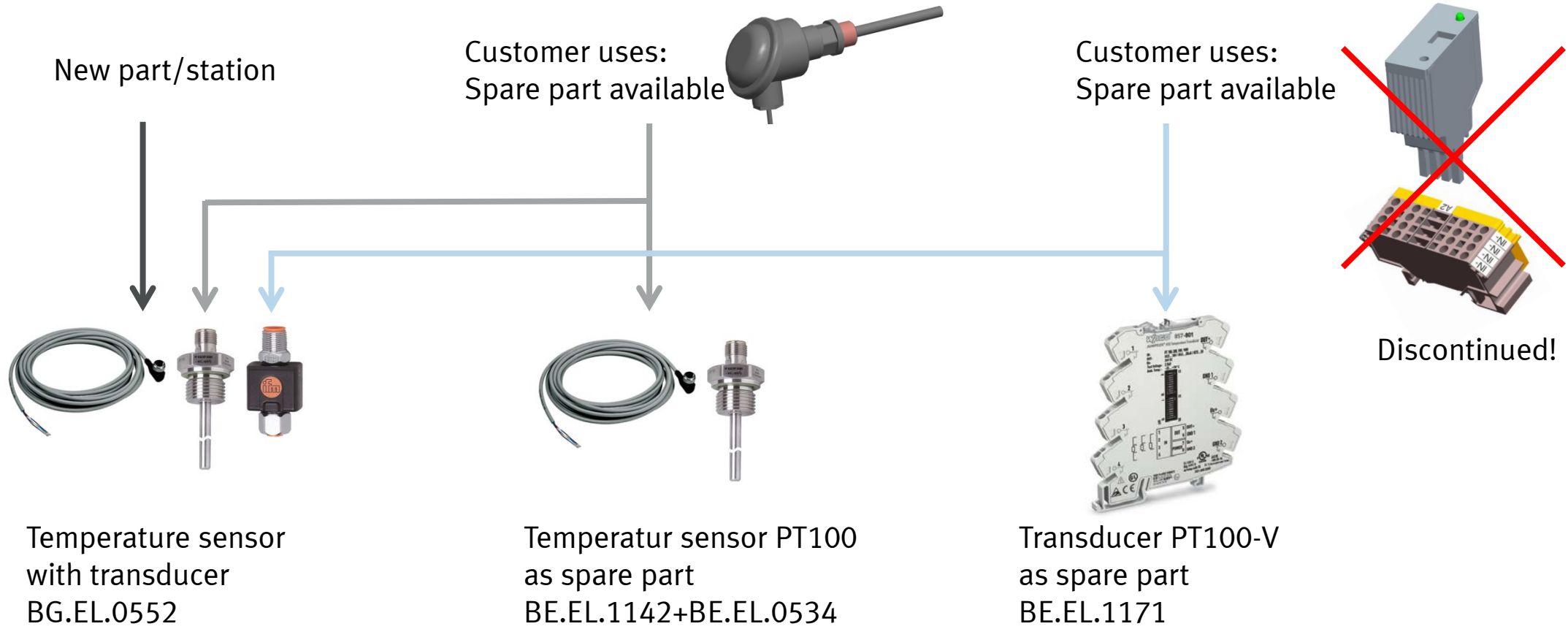
Part number – Adiro:	OLD
Part number – Festo:	BE.PC.0024 +BE.EL.054
Measure range:	170709 + 696655
	0 °C – 100 °C
Output signal:	0-10V
Supply voltage:	24 V DC
measuring principle:	Resistance + measuring converter
Length:	100mm
special feature:	



Part number – Adiro:	NEW
Part number – Festo:	BE.EL.1142+BE.EL.1143
Measure range:	Not defined
	-40 °C – +150 °C
Output signal:	parameterized 0 °C – 100 °C
Supply voltage:	0 - 10V
measuring principle:	24 V DC
Length:	resistance thermometer
special feature:	100 mm
	High accuracy, repeatability and measurement dynamics, exchangeable measuring insert

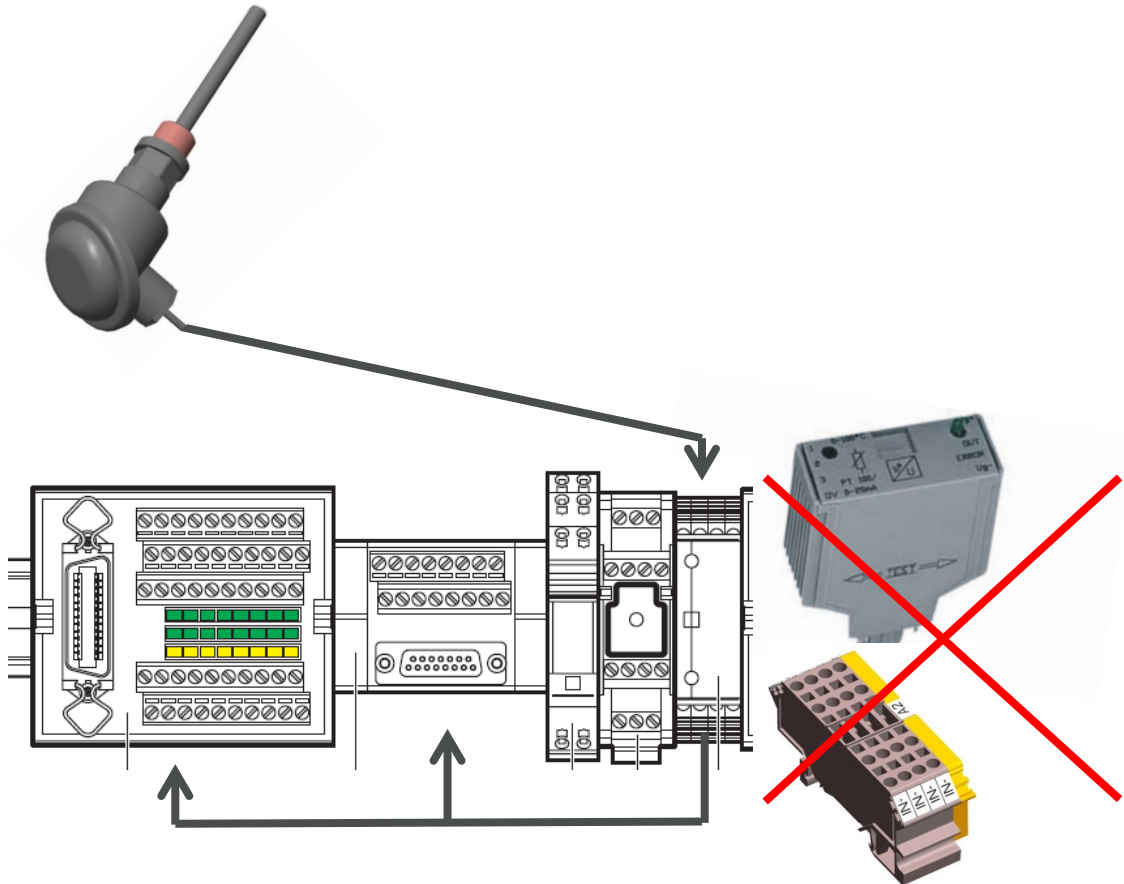


Phase-out and spare part process – possibilities

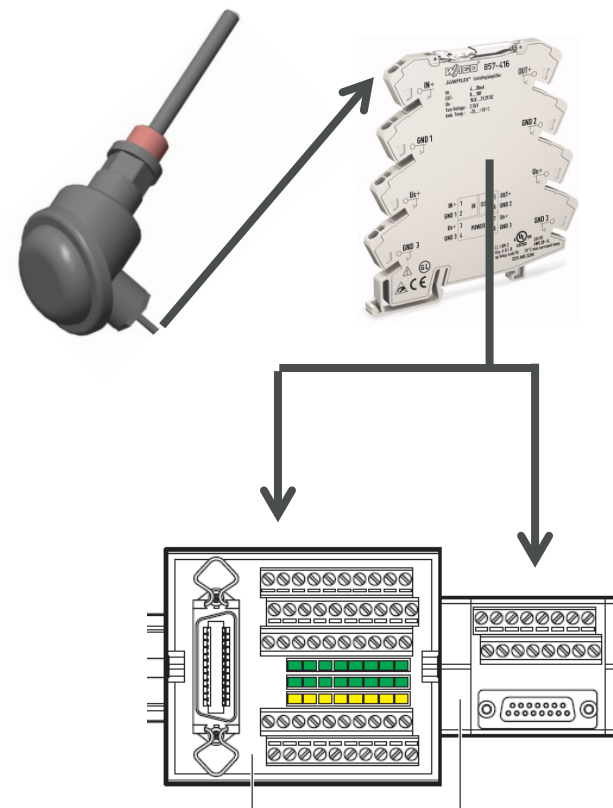


Wiring – replace transducer PT100-V only

Temperature sensor with old transducer PT100-V

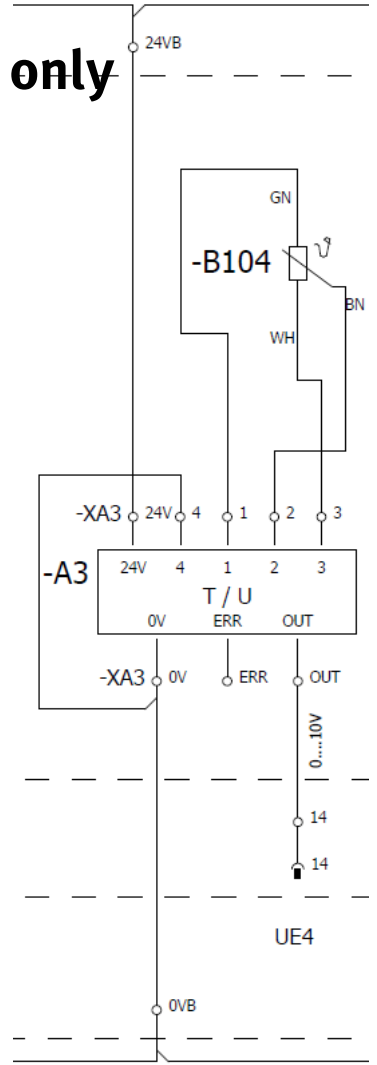


Temperature sensor with new transducer PT100-V

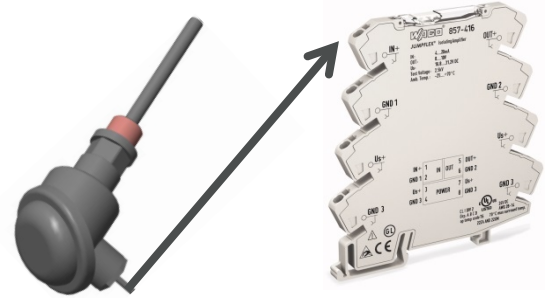


Wiring – replace transducer PT100 only

Temperature sensor with old transducer PT100-V

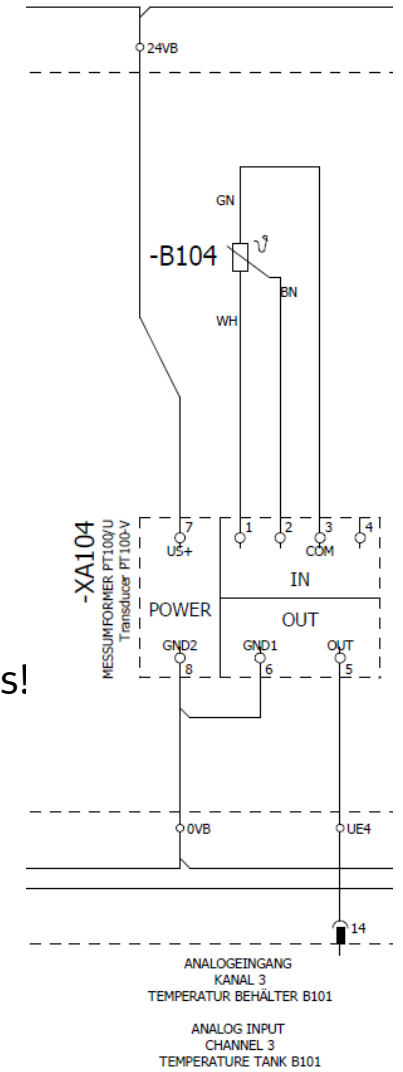


Temperature sensor with new transducer PT100-V

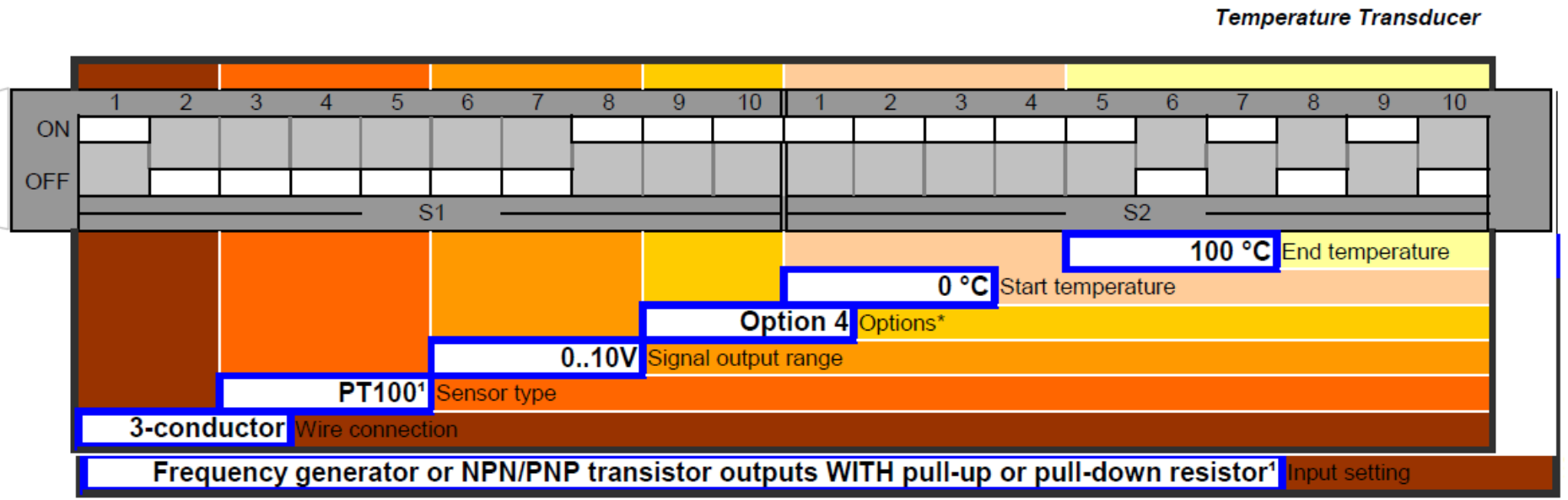
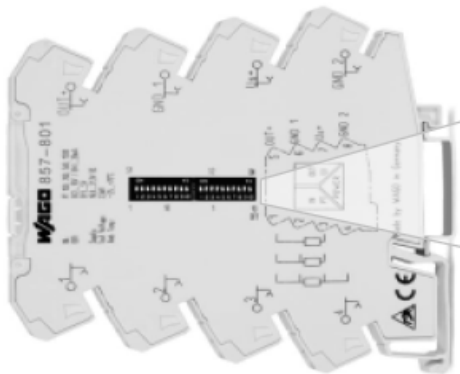


Steps:

1. Remove old transducer and socket
2. Check/set parameters with DIP-switches!
3. Install new transducer
4. Rewire new transducer to SysLink and Analogue terminal
5. Rewire sensor to new transducer

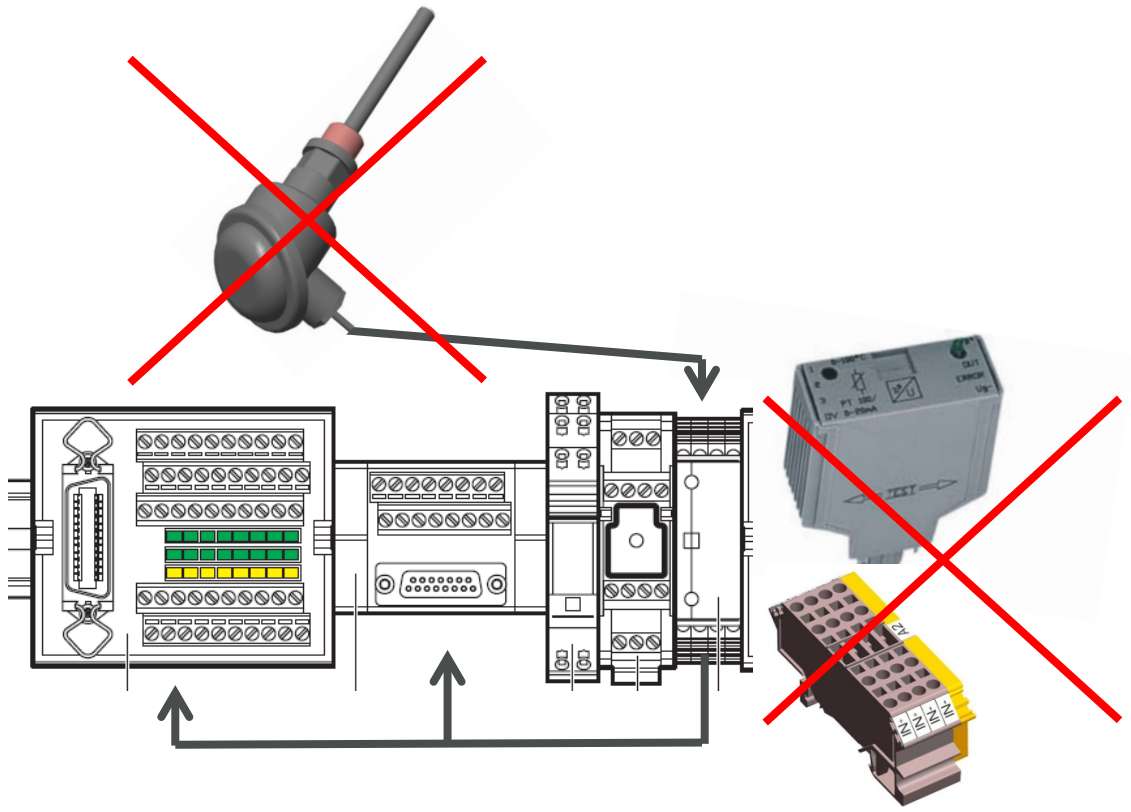


Parameter – setup DIP-switches of transducer PT100

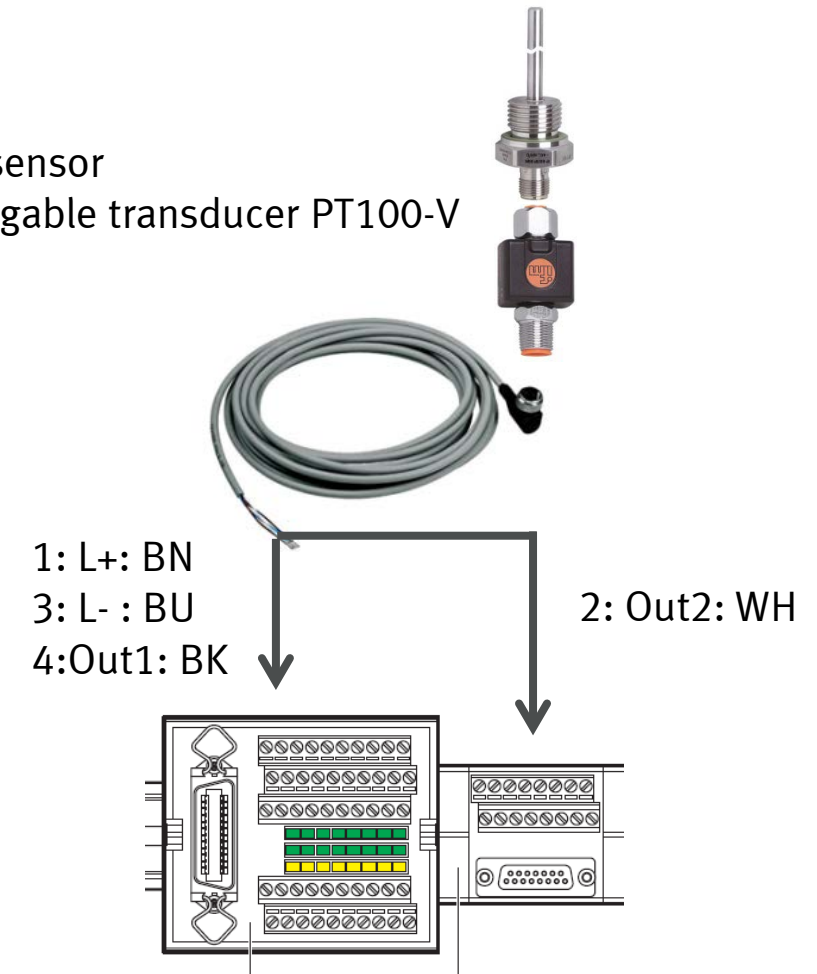


Wiring – replace sensor completely

Temperature sensor with transducer PT100-V
170709 + 696655

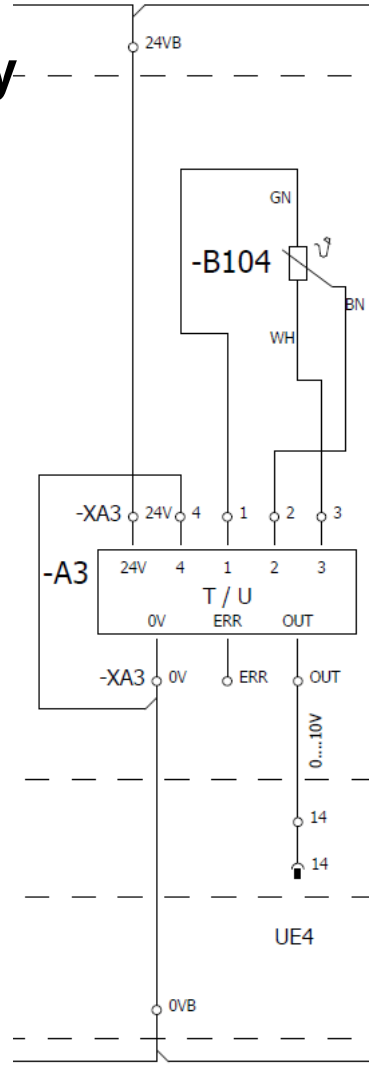


Temperature sensor
with new pluggable transducer PT100-V



Wiring – replace sensor completely

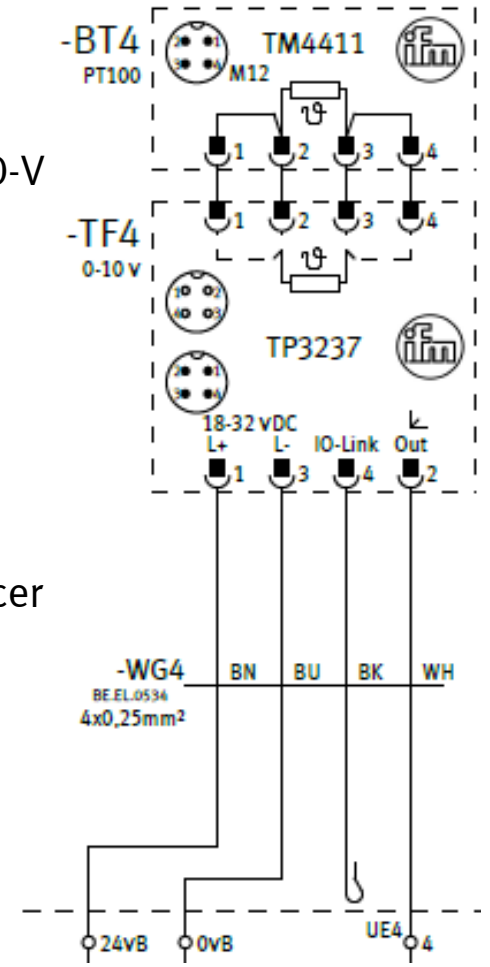
Temperature sensor with transducer PT100-V
170709 + 696655



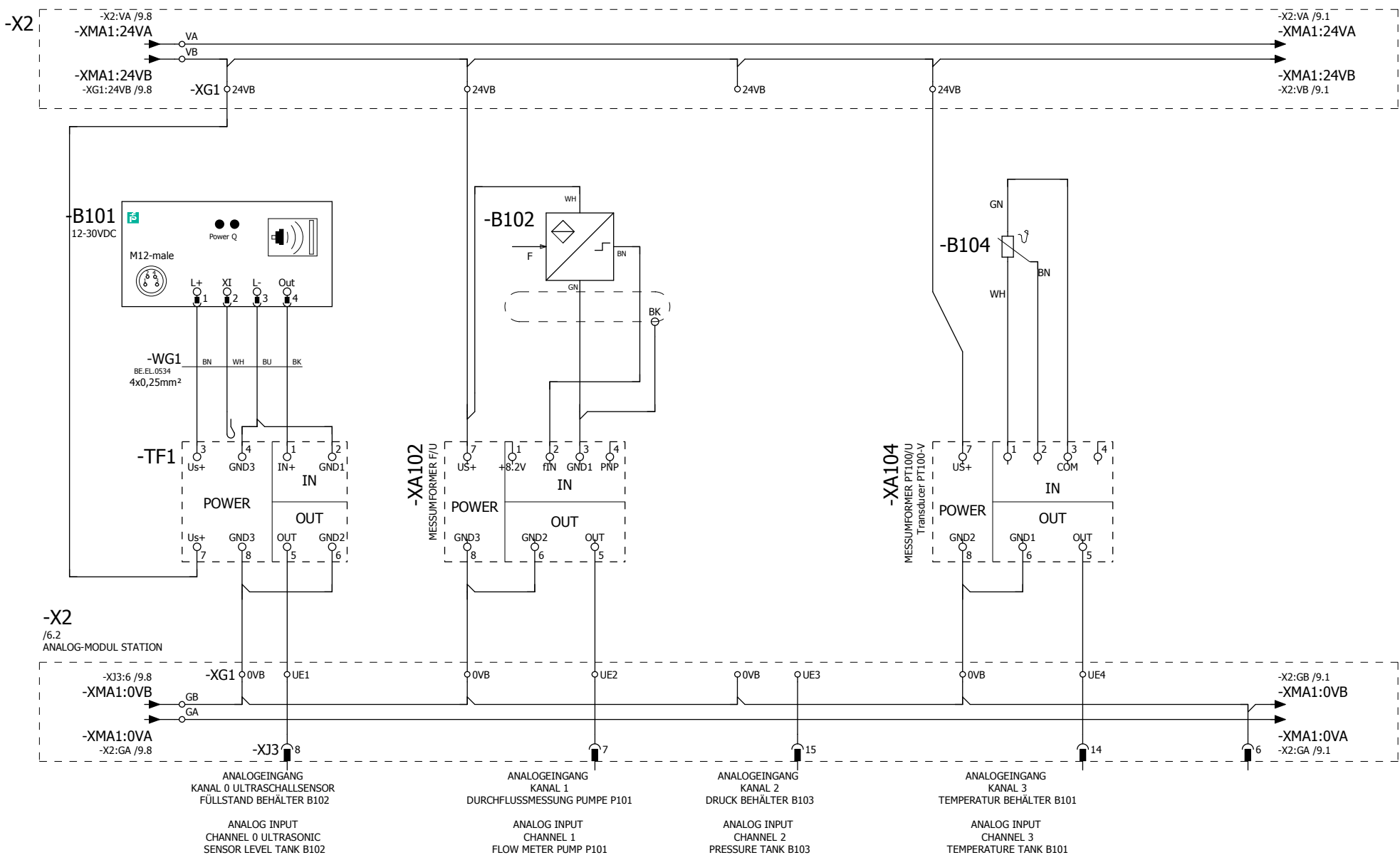
Temperature sensor with new pluggable transducer PT100-V



- Steps:
1. remove old sensor and transducer
 2. install new sensor
 3. wire cable to Syslink and Analogue terminal



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Datum	31.01.2018
Bearb.	hel
Erst.	hel
Ze.Nr.	PC.K0.0012

Festo Didactic SE
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ANALOG EINGÄNGE/ANALOG INPUTS
 MPS-PA Compact Workstation

S-Nr.	-
PSP / DPJ	-
VN	C41001

PROCESS AUTOMATION
 =CWS
 +

N:FDMR06E F: WUPOU67386 H:|EPLANI|Professional|MPS-PA_CWS-Basic|Messumformer_Ersatzteile.elk 2.4.4