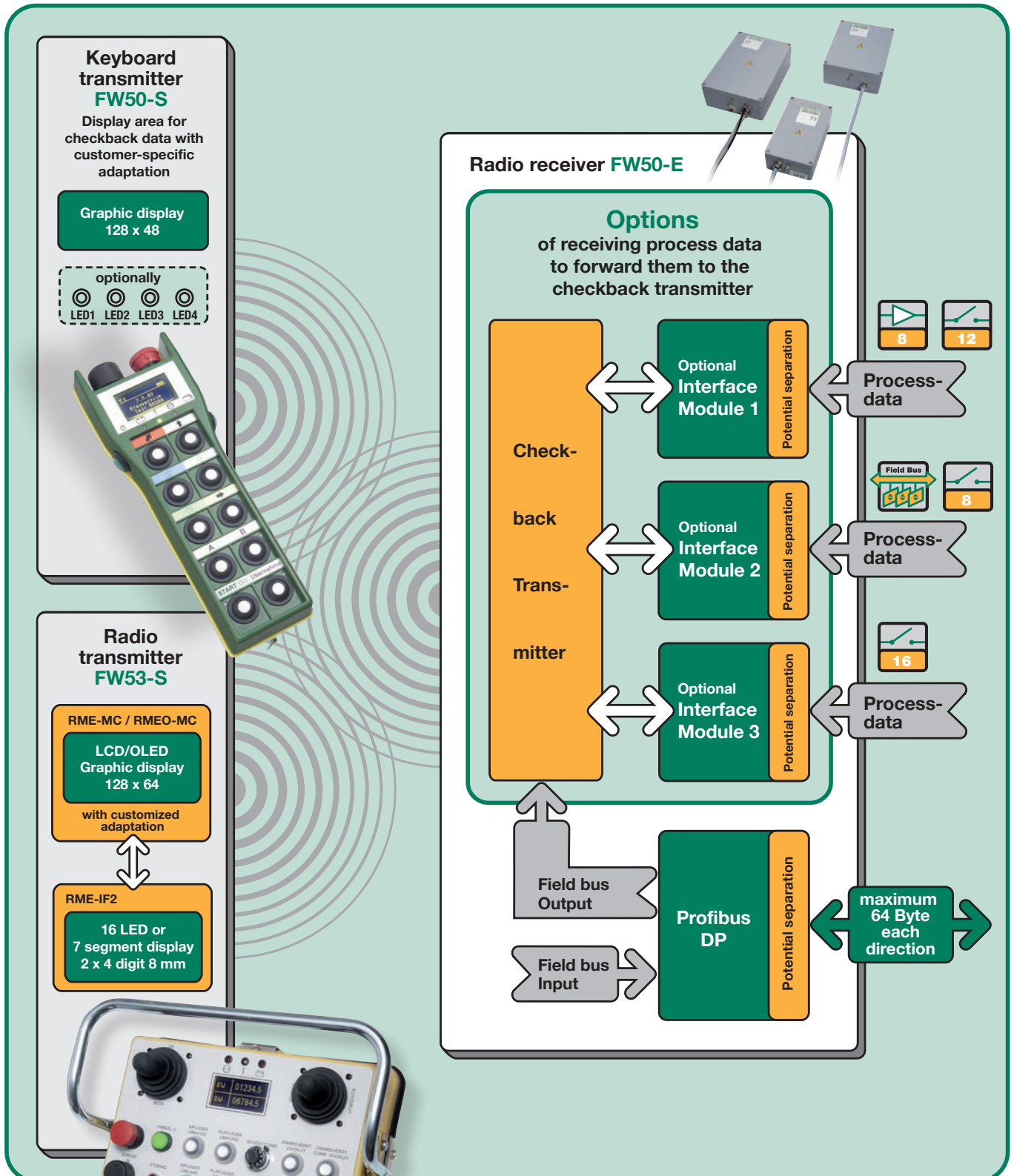


Overview Checkback System FW50 with FW50-S or FW53-S



Checkback System FW50

Technical data

The optionally available checkback systems can be integrated cost-effectively into TELETEC radio remote controls. They provide the direct output of individual process information on the control panel without compulsorily using an additional radio channel. For this purpose TELETEC utilizes the proven and recognized half-duplex procedure (HDX).

- No additional radio channel is needed to transmit checkback data
- Three interface versions provide high flexibility in the project planning of customized solutions
- The dual-channel transmission and permanent internal monitoring of antivalence provide a secured transmission of emergency stop contacts
- Especially suitable for the transmission of analog process values in connection with a field bus coupling (Profibus DP, Can) of the radio receiver to the machine control
- Customized display of checkback data on the particular radio transmitter with help of graphic or status LED displays
- Can be installed into existing keyboard transmitter controls at any time
- Internal diagnosis interfaces for the service
- Optional Windows based diagnosis software for parameter adjustment and inspection

Checkback transmitter / Checkback receiver	
Operation mode	half-duplex (HDX), full-duplex (DX)
Frequency range	433.075 to 434.750 MHz / 869.725 to 869.975 MHz
Operation range	up to 300 m
Transmitting power	≤ 10 mW
RF sensibility	-114 dBm for BER ≤ 10 ⁻⁷
Protection class / operational temp.	IP65 / -20 to +60 °C
Optional part of the radio transmitter	
Checkback transmitter interface module 1	
Type	RMS-IF2
Analog inputs	8
- resolution	12 Bit
- input voltage range	0 ... 10 V
- potential separation	yes
Digital inputs	12
- input information	+ 24 VDC
- potential separation	yes
Checkback transmitter interface module 2	
Type	RMS-IF485
Field bus	RS485
- protocol	proprietary
- potential separation	yes
Digital inputs	8
- input information	+ 24 VDC
- potential separation	yes
Checkback transmitter interface module 3	
Type	RMS-IF3
Digital inputs	16
- input information option 1	+ 24 VDC
- input information option 2	potential-free contacts with shared potential
- potential separation	yes
Emergency stop	yes
- number of contacts	2 (potential-free)
- Potential separation	yes

TELETEC

Gesellschaft für
elektronische Systeme mbH
Ostendstraße 25 / Haus 3
D-12459 Berlin
Phone: +49 (0)30 5304 19 00
Fax: +49 (0)30 5304 19 03
www.teletec-gmbh.de