

Radio Transmitter TMS-16

The all-rounder



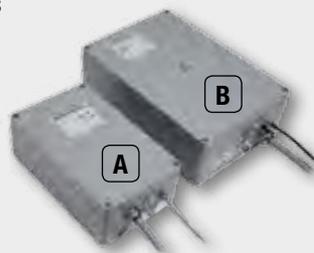
As a true all-rounder the radio transmitter TMS-16 can be used for different tasks. In the construction machinery sector it is, among others, perfectly suited for concrete pumps.

- Compact execution and ergonomic excellence
- On/off switch, emergency-off switch as well as 4 status LEDs as a standard
- Joysticks with 3 axis and start value lock-in position
- Solid toggle switches, user-friendly due to clear function assignment
- Easily adaptable signage of the joystick axis by means of self-adhesive foils
- Complies with ISO 13849-1: 2006 category 3 PL d

Change-over battery AK5 for power supply without memory effect, based on NiMH technology, providing continuous operation time of up to 16 hours, can be replaced quickly if needed

Compatible with

Radio receiver TFE-11 (A) and TFE-12 (B)
for the output of digital/analog control signals



Radio receiver TFE-14 in IP-65
for the application with CANopen®, CAN or V24 interface



Technical data

Type	TMS-16	
Toggle and rotary switch, pushbutton	yes	
Joystick with z-axis	yes (with start value lock-in position)	
Battery type	changeover battery AK5	
Operational hours	up to 16 hours under continuous operation	
Energy saving mode	yes (adjustable)	
IR release (optionally)	yes	
Feedback (optional)	yes (with LC display or LED)	
Signaler (optional)	yes (in IP67 execution)	
Frequency range	433.075 bis 434.750 MHz 869.725 bis 869.975 MHz	2.4 GHz
Changing frequencies	yes (manual switch between the radio channels)	
Operating range	up to 300 m	up to 100 m
Transmitting power	≤ 10 mW	≤ 40 mW
Protective system/temperature range	IP65/ -20 bis +60 °C	
Dimensions	272 x 168 x 135 mm	
Weight	1500 g	

- Numerous combinations of command elements (joysticks, toggle switches, buttons etc.) are possible
- Optional feedback data can be indicated specifically on the LC display or by LED
- Internal diagnosis interfaces for the service
- Optional Windows based diagnosis software for parameter adjustment and inspection
- Can be used easily as a standby transmitter together with a receiver or as a cable remote control

Accessory

Charger

Optionally with wall holder



Battery charger FC-AK5 for 230 VAC or 24 VDC for charging the change-over battery AK5

Abdominal belt

for radio transmitter TMS-16



Optional extensions

Signaler



Signaler for acoustic feedback of process information

Feedback



Integrated feedback receiver to receive process data



Number of analog outputs



Number of switch channels