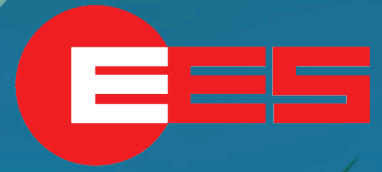


check
and
control



WIRELESS COMMUNICATION WITHOUT LIMITS

High flexibility primarily at the communication medias honors the EES telecontrol systems and families. This allows for an easy way of connecting decentralized stations or rotating systems.

We offer an optimal and economical solution for every application starting from a simple point-to-point connection up to the complex radio communication networks with routed pathes to transmit data in challenging topologies.

The modular system offers a variety of technical innovations, on which customers can rely on to build up own infrastructures.

We would be pleased consulting you about the various transmission techniques and the determined media characteristics in connection with your application.



DESIGN AND FUNCTIONALITY



F70: Cost efficient compact radio transmission in the 70cm ISM-band. Depending on the version a maximum of 4 or 32 stations communicate wireless in both directions. High immunity against interferences and the implemented watchdog of the radio link allow for reliable operation and easy commissioning of the system without the need for software. 4 digital and 2 analog in- and outputs are integrated in every module.



MFW-Radio: Efficient radio technique for far-reaching transmission of many digital and analog values, as well as data archives over several kilometers. Up to 32 stations can exchange data which is individually parameterisable within the 35 or 70cm ISM-band, via time-slot radio or 1:24 data radio. High quality radio technique is integrated in the MFW besides many diagnostic and adaption possibilities which are provided for your application.

INTERFACES AND PROTOCOLS*

- RS232
- RS 485
- Ethernet
- Modbus RTU / -IP
- IEC 60870-5-101/-104
- Profibus DP
- ASCII

*depending on product and variant

HIGHLIGHTS

- Register-free and free of charge ISM-radio connections (433, 868 MHz) up to 10 km distance*
- Design of complex, extensive radio networks via relay function including up to 32 stations, or as gateway to other transmission media
- Event-driven or cyclical transmission of actual or archived data
- Coupling to superior systems over standardized interfaces and various protocols
- Design of the telecontrol and data logging devices as combined master slave structure or point-to-point connection
- Decentralized pre-processing and archival storage of process-information
- Low-power versions for battery or solar power supply

*distances are subject to availability of a free line-of-sight between the stations

CONTACT

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