

Radio Modem

HG 76330-A

Radio Modem with Profibus Interface

The radio modem allows wireless, bi-directional transference of data (transmitting and receiving).

This enables an "on-line" connection to be established with a mobile device. The user of the radio modem can issue instructions (e.g.: recording of goods in stock, sales order processing) and protocol the order handling. The input and output of data takes place according to the programming of a fixed station computer (control center; e. g. PC).

The radio modem is computer- controlled. Customized adaptations for user software, user identification and management of the target group is feasible without any problems.

The radio modem consists of a radio device and a processor. The processor is equipped with the appropriate software, supervising data transference and providing safe data transmission.



Functions

- Profibus DP- Slave according to DIN E 19245 T3 (up to 12 Mbaud)
- Profibus address adjustable in the device or programmable via interface
- Up to 127 participants per channel
- Net data length from 1 to 200 byte free selectable per telegram
- Data consistency during transition from Profibus to radio interface is guaranteed
- Parameter interface RS 232 for PC connection
- Radio protocol compatible to HG 76100 or HG 76300
- Applicable in steady-state operation and mobile operation
- Any combination of HG 76300 (serial interface) and HG 76330 (Profibus) is possible
- GSD data file will be supplied
- S7 - sample program available



Technical Data

- Casing	Aluminium casing for rail or wall mounting
- Case dimensions	120 x 76 X 51 mm (L x W x H; without Antenna)
- Power supply	9 to 36 VDC or 18 to 72 VDC
- Interfaces	RS 232 (for parameterization)
- Radio device	64 channel selection in 400 MHz range, 9600 Bit/s Alternatively HG 75430 (500 mW) or HG 75440 (10 mW)
- Data transfer	Safe radio protocol, protocol for the system computer, up to 127 participants per channel compatible to radio modem HG 76100
- Type Approvals (03/2000)	A, B, CH, D, DK, E, F, GB, IRL, L, MAL, NL, PL, SE, US