

3 Description of the System and Application

The system consists of a transmitter housing with max. five toggle switches and two pushbuttons (DJet), an EMERGENCY-STOP pushbutton, a battery charger with two rechargeable NiCd batteries and a receiver with an antenna, a connecting cable and a mating connector.

The industrial radio transmitter patrol enables – in combination with a corresponding receiver – control of industrial working machines.

The transmitter housing is made of impact resistant plastic with a built-in antenna.

The system is equipped to control receivers with 6 to 12 operating commands and works within a 70 cm frequency band (420 ... 470 MHz).

State of the art radio technology complying with the latest guidelines of the regulations on labor safety and the use of highly developed microprocessor technology guarantees optimal operating safety, availability and longevity.

Following radio receivers can be controlled by this transmitter type :

FSE 505

FSE 707

FSE 808 (industrial version)

3.1 Specification

| General Technical Data | | | | | |
|--|--|----------------------|--|---------------------|--|
| <i>System</i> | patrol | | | | |
| <i>Number of control commands</i> | max. 12 | | | | |
| <i>Unique system address</i> | over 65,000 possibilities | | | | |
| Transmitter-specific Technical Data | | | | | |
| <i>Transmitting power (FuS 671/3)</i> | < 10 mW (synthesizer) | | | | |
| <i>Transmitting antenna</i> | integrated in the belt side piece | | | | |
| <i>Battery type</i> | FuB 05 AA (orange) | | | | |
| <i>Voltage supply via NiCd battery</i> | 6 V DC / 600 mAh | | | | |
| <i>Duration of operation</i> | max. 8 h per battery charge | | | | |
| <i>Operating temperature range</i> | -25 °C ... +75 °C (-13 °F ... +167 °F) | | | | |
| <i>Hosing material</i> | impact resistant plastic | | | | |
| <i>Housing color</i> | orange / black | | | | |
| <i>Dimensions</i> | <table style="width: 100%; border: none;"> <tr> <td style="text-align: right; padding-right: 20px;"><i>short version</i></td> <td>116 x 58 x 105 mm (L x B x H) 4.6 x 2.3 x 4.1 " (L x W x D)</td> </tr> <tr> <td style="text-align: right; padding-right: 20px;"><i>long Version</i></td> <td>117 x 72 x 135 mm (L x B x H) 4.6 x 2.8 x 5.3 " (L x W x D)</td> </tr> </table> | <i>short version</i> | 116 x 58 x 105 mm (L x B x H) 4.6 x 2.3 x 4.1 " (L x W x D) | <i>long Version</i> | 117 x 72 x 135 mm (L x B x H) 4.6 x 2.8 x 5.3 " (L x W x D) |
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| <i>Weight (approx.)</i> | 750 g (12.3 oz) | | | | |
| <i>Protection class</i> | IP 55 | | | | |