REMOTE SIGNAL TORQUE WRENCH
FH256MC

Wireless wrench system alerts operator to missed tightening

- Frequency Hopping Spread Spectrum technology enhances reliability.
- Check of communication status on the LED.
- Adoption of magnetic-switch enhances long-life operation
- Robust aluminum case
- Universal 2.4GHz frequency band

Your Torque Partner
TOHNICHI
Components

Torque Wrench
QSPFH50N

Transmitter
T-FH256MC

Wired

RS232C
Setting data

Wired

Wireless

PC, PLC, etc.

Receiver
R-FH256

Wireless

Wired

Wired

Relay contact output

Count Checker
CNA-4mk2

Flow of work
Flow of setting

Specifications and Dimensions

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Transmitter</th>
<th>Receiver</th>
<th>Setting Box</th>
<th>Transmitter (for LS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
<td>T-FH256MC</td>
<td>R-FH256</td>
<td>SB-FH256</td>
<td>T-FH256MCLS</td>
</tr>
<tr>
<td>FREQUENCY</td>
<td>2.402GHz~2.479GHz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GROUP</td>
<td>256</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td>3-digit(numeric), 7-digit(alphanumeric)</td>
<td>3-digit(numeric), 7-digit(alphanumeric)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>INPUT/OUTPUT</td>
<td>No-voltage contact output/ RS232C output</td>
<td>RS232C input/output</td>
<td></td>
<td></td>
</tr>
<tr>
<td>POWER</td>
<td>DC1.5V (PC R3 alkaline battery)</td>
<td>AC100V~240V</td>
<td>DC9V (alkaline battery)</td>
<td>DC1.5V (PC R3 alkaline battery)</td>
</tr>
<tr>
<td>ANTENNA</td>
<td>Chip antenna</td>
<td>Dipole antenna</td>
<td>Chip antenna</td>
<td></td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>0~45°C</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DISTANCE</td>
<td>Approximately 10~20m (distance may differ according to conditions)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dimensions

Antenna connector

Relay out 2-Φ6.5

Receiver
R-FH256

Transmitter
T-FH256MC

Setting Box
SB-FH256

Display

160

Antenna holder

Communication status check LED

Check switch

Setting mode switch

Battery cover

 vowed
**Features**

- **Frequency Hopping Spread Spectrum technology enhances reliability**

- **Communication Status Confirmation**
  - Quickly confirm transmitter and receiver communications with LED light activated "Answerback" system.

- **Case Designed for Easy Battery Replacement**
  - Battery compartment is located on the top of the transmitter for easy access.

- **Antenna-less Transmitter Module**
  - Integrated design secures antenna to the module, making it easy to replace or exchange.

- **Wireless Setting Transfer**
  - Quickly change the group number or ID via wireless transmission.

- **Advanced Communication Between Transmitter and Receiver**
  - Optional Setting Box (SB-FH256) makes it easy to change group number or ID on wrench and receiver.
  - Conveniently expand or reconfigure your system.

- **Long Battery Life**
  - Typical Alkaline battery sustains over 480,000 transmissions.

- **Robust Aluminum Case**

- **Specific Wrench Verification**
  - The serial number of the torque wrench can be transmitted as ID data, which enables traceability back to the source wrench. (Available only with PC or PLC setting via RS232C output)

- **Adoption of magnetic-switch enhances long life operation**

- **LS Wrench Conversion**
  - Easily upgrade your LS (limit switch with cord) version wrenches to this wireless system with T-FH256MCLS, Transmitter Module.

- **Universal 2.4GHz Frequency Band**
  - FCC (USA), IC (Canada), R&TTE (Europe), SRRC (China), SIRIM (Malaysia), DGPT (Indonesia) approved.
POKAYOKE Related Products (Control of the number of tightened bolts)

- Torque Wrench with a limit switch
  QLLS, CSPLS

- Marking torque wrench
  MPQL

- Wired data transmission torque wrench
  CSPD+CD42

- Various types of torque wrenches are available.

For further information, please contact your nearest distributor or TOHNICHI MFG. CO., LTD.

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