U-Wave Fit

SERIES 264 — Wireless Data Transmitter

FEATURES

- The transmitter is designed to fit in the space behind the display, and the connecting cable has been replaced by a rigid connector
- Approx. 20 m transmission range (within visible range)
- 2.4GHz wireless system for reliable and secure data transmission
- Easy data export to Microsoft® Excel® or SPC software applications
- Transmitter confirms data transfer by an LED signal and optional buzzer
- An IP67 transmitter is available to ensure a coolant-proof gaging system
- Low power consumption: 400,000 data transmissions with a single battery

U·WAVE fit

IP65 Micrometer with
U-WAVE-TM (buzzer type) and connection unit

SPECIFICATIONS

Wireless communication protocol	IEEE 802. 15. 4
Modulation method	DS-SS (Direct Sequence Spread Spectrum)
Communication distance	Approx. 20 m (within visible range)
Communication speed	250 kbps
Communication frequency	2.4 GHz (ISM: universal frequency band)
User band	15 channels (2.405 to 2.475GHz at intervals of 5 MHz)
OS compatibility	Windows® 2000 Professional (≥SP4), Windows® XP Professional (≥SP2), Windows® XP Home Edition (≥SP2), Windows Vista®, Windows® 7 (32bit, 64bit), Windows® 8, 8.1, 10 (32bit, 64bit)

For micrometers

U-WAVE-TM

264-620   **264-621**   **264-622**   **264-623**   **02AZF310**   **02AZF300**

U-WAVE-T (Transmitter)

Order No.	Model	Measuring Instrument	Remarks	Data reception indication
264-620	U-WAVE-TC	4", 6", 8", 12", IP67 caliper/standard caliper	IP67 type	LED
264-621	U-WAVE-TC	4", 6", 8", 12", IP67 caliper/standard caliper	Buzzer type	Buzzer/LED
264-622	U-WAVE-TM	COOLANT-PROOF (IP65) micrometer	IP67 type	LED
264-623	U-WAVE-TM	COOLANT-PROOF (IP65) micrometer	Buzzer type	Buzzer/LED
02AZF310*	Connection unit	IP67 caliper/COOLANT-PROOF (IP65) micrometer	Waterproof type	–
02AZF300*	Connection unit	Standard caliper	Standard type	–

*A connection unit is required when ordering a transmitter

Standard caliper with
U-WAVE-TC (buzzer type) and connection unit

02AZD810D

U-WAVE-R (Receiver)

Order No.	Remarks	Software	Number of U-WAVE-R units that can be connected to PC	Number of U-WAVE-T units that can be connected	USB cable length [m]	Dimensions (WxDxH) [mm]	Mass [g]
02AZD810D	U-WAVE-R + software	U-WAVE PAK	Up to 16	Up to 100	1	140 x 80 x 31.6	130

For calipers

U-WAVE-TC

d2

"d2" is the name for Mitutoyo Digimatic output compatible with up to 8 digits of I/O data.