

# 1 TM 03

## PLL Synthesizer Tuner



### Features and Functions

- FM/AM radio
- 10 FM station memories
- 10 AM station memories
- Adjustable output level
- For installation in module rack of the 2 MR 02 series
- Power supply from 2 MR 02

The PLL synthesizer tuner of the 1 TM 03 series is installed into the 2 MR 02 module rack from INDUSTRONIC. It provides a PLL tuner for AM and FM with 10 station memories each. The output level can also be adjusted.

### Mechanical Data

- |                          |   |
|--------------------------|---|
| • Height x width x depth | 40 mm x 194 mm x 185 mm<br>(1.6" x 7.6" x 7.3") |
| • Weight                 | Approx. 0.6 kg (approx. 1.3 lbs)                |

### Electrical Data

- |                         |  |
|-------------------------|--|
| • Current consumption   | 240 mA                                       |
| • AM tuning range       | 531 kHz to 1,620 kHz                         |
| • FM tuning range       | 87.5 to 108.0 MHz                            |
| • Distortion factor     | <0.5 % (1 kHz)                               |
| • Frequency range       | 10 Hz to 20 kHz (+/-3 dB)                    |
| • Antenna input         | FM: 75 Ohms coaxial<br>AM: 300 Ohms balanced |
| • Signal-to-noise ratio | AM: 50 dB / FM: 60 dB                        |

### Environmental Requirements and Standards

- |  |                                    |
|--|------------------------------------|
| • Ambient temperature during operation | 0 °C to +40 °C (+32 °F to +104 °F) |
| • Relative humidity (non-condensing)   | Max. 95 %                          |

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**Order Data**

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**Type Number**

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315-024-200

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