

# EM7 Hands-free Microphone

Electret surface mount microphone

## Article Number

01 6802 00100051



## Characteristics

- Electret microphone capsule
- Built-in microphone
- Dimensionally stable plastic housing
- Integrated preamplifier

## Scope of delivery

- Microphone with connection cable

## Options

- Customised plugs and connection cables
- [Minor modifications and individual adaptations](#) on request

## Application range

- Intercom systems
- Hands-free microphone
- Room monitoring

## Specifications

### General

Housing	Plastic, black
Dimensions	Diameter: 48mm, Height: 24mm
Connection	1-core cable, shielded, 3.0 m, without connector plug
Storage temperature	-25°C to +70°C
Operating temperature	-20°C to +60°C

### Microphone

Operating voltage	8 to 12 V
Frequency range	50 Hz to 16 kHz at -10 dB
Sensitivity	8 mV/Pa to 15 mV/Pa with different connections
Impedance	600 Ohm +/- 20% at 1 kHz/RL = 1 kOhm
Directivity	Omnidirectional