

EM14

Electret built-in microphone

Article-No.:
2801-018-001-51



Product:

Characteristics

- Electret microphone capsule
- Full metal housing, rubber coated
- Protected against dust and splashed water (IP54)

Options

- Customized plugs and cables

Application range

- Intercommunication systems in outdoor applications

Scope of delivery

- Microphone with cable

Technical Data:

General

Housing:	Brass, black coated
Dimensions:	Height 35 mm, Ø 22 mm
Weight:	60 g (2.1 oz)
Connection:	1-wire cable, shielded, 3 m, without connector
Storage temperature:	-30 °C to +70 °C (-22 °F to +158 °F)
Operation temperature:	-25 °C to +60 °C (-13 °F to +140 °F)

Microphone

Operating voltage (DC):	1.5 V to 10 V
Frequency range:	50 Hz to 9 kHz at -10 dB
Sensitivity:	14 mV/Pa (-37 dBV/Pa ± 3 dB) at 5 V/2 kΩ
Impedance:	1.5 kΩ ± 20 % at 1 kHz/R _L = 2 kΩ
Directivity:	Omnidirectional