



MV 203.3 TEDS

½" microphone preamplifier

for externally polarized microphones

- 7 pin Lemo®
- microphone power supply: Lemo®
- capsule polarization voltage
by power supply
- 0.5 Hz to 4.5 MHz
- max. output voltage: 33 V
- TEDS acc. IEEE 1451

| Delivery | Typ | Order-No. |
|---|---------------|-----------|
| Microphone preamplifier, stainless steel, in weather protected case | MV 203.3 TEDS | 311226 |
| Options and Accessories | Typ | Order-No. |
| Microphone holder ½", turnable | MH 64 | 302332 |
| Microphone holder ½", with Clip | MH 64.2 | 302352 |
| Microphone holder ½" | MH 21 | 302351 |
| Adapter for 1" microphone to ½" preamplifier | A 63.1 | 302302 |
| Adapter for ¼" microphone to ½" preamplifier | A 67 | 302305 |
| Angle adapter for ½" microphone to ½" preamplifier | WA 20 | 302334 |
| Dehumidifier adapter ½" | TA 202 L | 302349 |
| Measurement capacitor ½" | K 65 | 302307 |
| Extension cable, 7 pin Lemo®, 5 m | C 88.05 | 302203 |
| Extension cable, 7 pin Lemo®, 10 m | C 88.1 | 302201 |
| Extension cable, 7 pin Lemo®, 20 m | C 88.2 | 302202 |
| Flatcable, 7 pin Lemo® | C 88 F2 | 302207 |
| Cable reel, 7 pin Lemo®, 50 m | C 88.5 T | 312205 |
| Cable reel, 7 pin Lemo®, 100 m | C 88.10 T | 312206 |
| Cable reel, 7 pin Lemo®, 200 m | C 88.20 T | 312207 |

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|------------------------------|-----------------------|---|
| Current consumption | | ≤2.3 mA |
| Power supply | | 28 V to 130 V |
| Frequency range, C = 18 pF | ±0.5 dB | 1.0 Hz to 1.0 MHz |
| | ±3.0 dB | 0.8 Hz to 4.5 MHz |
| Gain, 1 kHz | | 0 dB ± 0.05 dB |
| Input impedance | | 20 GΩ; 0.2 pF |
| Output impedance | | ≤80 Ω |
| Max. output voltage | | 7 V _{rms} to 33 V _{rms} |
| Inherent noise | A-weighted; C = 20 pF | ≤2.5 μV |
| | linear; C = 20 pF | ≤10 μV |
| Temperature range, operation | | -10°C to +50°C |
| Temperature range, storage | | -20°C to +70°C |
| Humidity limits | non condensing | r.H. ≤ 90 % |
| Connector | | 7 pin Lemo® FGG.1B.307.CNAD62 |
| Thread | for microphone | 11.7 mm 60 UNS |
| Diameter | | 12.7 mm |
| Length | | 122 mm |
| Weight | | 53 g |
| Microphone identify memory | IEEE 1451.4 | 256-Bit 1-Wire™ EEPROM |

