holthausen elektronik GmbH

## Technical Data

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|---|---|
| operation voltage | 24V DC ±10% |
| current input | max. 30mA |
| temperature range | 0°C to 70°C |
| type of protection | IP 20 |
| case | plastic snap rail cabinet |
| case dimensions | 25 x 79,2 x 74mm (B x H x T),<br>without terminals and operating parts |
| weight | approx. 90g |
| fuse | glass fuse 1A (5x20mm) |
| sensor supply | 4mA ±5% or 10mA ±5%<br>(can be selected through jumper wires) |
| amplification | x1, x10, x100 (can be selected through jumper wires) |
| input voltage range | $U_{IN\ max.}$ = 16 Vss at amplification x 1<br>$U_{IN\ max.}$ = 1,6 Vss at amplification x 10<br>$U_{IN\ max.}$ = 0,16 Vss at amplification x 100 |
| measured value | vibration acceleration (peak – peak) |
| frequency range | 0,2Hz to 100kHz (-3dB) |
| filter | 20dB/dec |
| frequency linearity | <±5% |
| analog output | acceleration as alternating voltage with max. ±8Vs |
| load | >10kOhm |
| sensor control | voltage loss and short circuit are indicated by a red LED<br>(by monitoring the offset voltage). |