

**AES-N is a measuring amplifier for strain gages bridge, with zero and gain adjustment and two independent analog outputs ( $\pm 10V_{cc}$  e 4-20mA) and with an integrity check on the load cell connection for the 4-20mA output.**



Technical Characteristics	
<ul style="list-style-type: none"> <li>- Power supply (<math>V_{bb}</math>)</li> <li>- Inverted polarity protection on power supply input</li> <li>- Precision in normal mode</li> <li>- Load cell supply</li> <li>- Maximal load on the load cell input</li> <li>- Integrity check for the load cell connection</li> <li>- Bandwidth for small signals</li> <li>- Analogue output #1 (insulated from <math>V_{bb}</math>)</li> <li>- Analogue output #2 (insulated from <math>V_{bb}</math>)</li> <li>- Nominal working temperature</li> <li>- Assembly</li> <li>- Protection level</li> </ul>	<p>24Vdc <math>\pm 10\%</math> / 80 mA included  <math>&lt; \pm 0,1\%</math> Fs</p> <p>5Vdc / 8 Vdc selectable via dip-switch  <math>\leq 50mA \equiv 175 \text{ Ohm @ } 8Vdc</math>            (2 load cells with 350 Ohm or 4 load cells with 700 Ohm)            active on the 4-20mA output            1 kHz / -3dB o 20 Hz / -3dB selectable  <math>\pm 10Vdc / 5mA</math> (2k ohm load)            short-circuit protected towards ground            4-20mA / 400 ohm maximal            with integrity check  <math>-30^\circ \dots +50^\circ \text{ C}</math>            on DIN guide EN50022 - EN50035            IP20</p>

**DIMENSIONS AND ELECTRICAL CONNECTIONS**



